

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [3781] 30m DX
Message-ID: <9610068472.AA847296267@smtpgw.ccgate.dl.nec.com>

Folks:

Needed a break from all the election hub-bub, so
turned on the rig. Tuned to 30m, just to see if
the band was doing anything exciting.

I have rarely done anything on 30m, just kind of forget
it's there most times.

With 4 watts and the 40m inverted vee, worked two dx
stations before the pile-ups began:

J38GU - ? (Know it's right, copied it each around)

ZF2 - Gibraltar

Not bad! Can any one help with the location of J38GU ??

Time was 2300z around 10.112

BTW - Got my #2 vanity choice, am now NR3E. I am happy!

73 de Dave NR3E/QRP-L #25/Dallas, TX

NR3E EMPS Qs=07 States=06 Confirmed=00 DX=01
MO MA FL PA VA3 LA IN

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [3826] 49ER Sold
Message-ID: <Pine.3.07.9611061423.A12622-71000000@login>

Gang,

The 49ER has been sold. Still have the W9GR DSP.

73, K8IDN QRP-L #331

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [3827] ATTN: N6KR, Wayne
Message-ID: <3280D6F5.58F7@amsat.org>

sri for the added BW

Wayne, am wanting to do the Variable filter mod on my sierra (Norcal)
and saw a referral to an "extra" filter in the sierra vs. the 40a.

where is this at? or will the mod to just the IF filter xtals
work?

tnx es 72 de PHil

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [3825] cad programs????
Message-ID: <3280D4A7.523@amsat.org>

Would like to start drawing my own schematics. Need a recommendation
for a program that is easy to use and supports most of the current
devices used for homebrew circuits. I prefer a window program although
DOS is not a problem. You are probably more familiar with the features
I need. Ability to generate pcb's is not needed but would be a definite
plus. An available demo or shareware version would be nice also, due to
the cost of some of these programs and their complexity. Also should be
fairly easy to use, ie- not requiring an hour or so just to "re-learn"
the program every time you go to use it. (I have a nice cad program, but
if you don't use it every day.....)

I welcome your suggestions, 72/73 de PHil

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: bob.roach@sourcebbs.com (BOB ROACH)
Subject: [3805] CALL INFO
Message-ID: <8CBB298.000104ABC1.uuout@sourcebbs.com>

Hi All,

Hate to take up the bandwidth here, but I have a call for which I have not been able to get info on in any of the resources currently available to me. The call is KE3XS.

TNX for help
KE4QOK
Bob

... "Yield to temptation, it may not pass your way again." - L. Long
___ Blue Wave/DOS v2.30 [NR]

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: harry.bump@hamdata.leba.net (Harry Bump)
Subject: [3776] Cascade...
Message-ID: <847280891@hamdata.leba.net>

Hi Guys,

Well, I've gotten through the 4th section - the audio amp - and I need a bit of help.

When testing the section, I hear no hum when I put my finger on the potentiometer wiper. However, the amp is functioning, because when I turned the AGC pot fully counter-clockwise I got background static and the volume control does work. That AGC pot sounds like it's acting as a 'squelch control' - when I move it back to mid-range the background noise disappears.

Is it ok to proceed or have I got a problem (maybe it's my finger)?

73,

Harry, KM3d

QRPARCI #3875
NORCAL #1295
QRP-L #637

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [3818] COLORADO QRP CLUB STATION
Message-ID: <961106183202_75230.1405_HHB65-2@CompuServe.COM>

The Colorado Colorado QRP Club's station formerly known as KB0UCQ has been granted a new callsign: W0CQC.

73
Marshall, AA0XI
Club Station Trustee

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Steven Karty" <kartys@ncr.disa.mil>
Subject: [3836] Does anyone know the date for the Greensboro, NC Hamfest?
Message-ID: <9610068473.AA847324493@ncr.disa.mil>

Does anyone know the date for the Greensboro, NC Hamfest?

Please reply to me directly at: kartys@ncs.gov

TNX es 72, Steven Karty - N4UHO

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: ae110@rgfn.epcc.Edu (Ed E Jensen)
Subject: [3823] el paso ss report
Message-ID: <9611061857.AA18994@rgfn.epcc.Edu>

Hi Gang,

Two QRP efforts from El Paso, Texas.

Andy, AB5WB, used a dipole at 28 feet
for 213 Qs and 58 sections.

Ed, K5ED, used tribander and dipoles at 50 feet
for 430 Qs and 74 sections.

72, Ed

--

Ed Jensen, K5ED, El Paso, TX (ae110@rgfn.epcc.edu)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Laura" <sputnik@imt.net>
Subject: [3806] Electronic filing of SS logs
Message-ID: <199611061631.JAA26767@cu.comp-unltd.com>

If I want to file my log electronically, where would I do that?

Thanks in advance!

73 de KJ7UN

Laura

Laura Marino Lubner
Montana, USA
sputnik@imt.net
QRP-L # 790

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [3780] For Sale
Message-ID: <Pine.3.07.9611060917.A19763-9100000@login>

Just purchased a new DSP so some things must go.

W9GR DSP with multi-program chip and AGC circuit. New price for board only was \$125.00. Will ship for \$75.00

49ER in Ten Tec case with sidetone, tuning cap, LM-386 amp with speaker. Will ship for \$30.00

73, Steve K8IDN QRP-L #331

Message-ID: <9611061502.AA05637@galaxy.auratek.com>

Receiver section has double tuned band pass filter, 1496 mixer, 9.0MHz 2.4KHz commercial XTAL filter, 1350 IF amp. w/ audio derived AGC, 1496 product detector and 386 AF amp.. VFO is hartley, buffered and temperature compensated (stays on frequency with the \$2,000 xcvr's). Transmitter uses a TL071 mike pre-amp (Note: configured for HiZ, I used a Shure444), 1496 balanced modulator, 1496 transmit mixer, double tuned band pass filter and 3 stages of amplification and a LP filter. T/R switching via PTT.

Constructed on 2 PCB's. Main board (approx. 5" x 6") has complete xcvr up to 1/4W output and the final amp. is on a 2" square PCB with heat sink. Front panel has audio gain, fine tune and main tune and power on LED. Tuning has 5:1 reduction drive (I used a Radio Kit cabinet with silk screened lettering, but insides are not a Radio Kit). Size is about 2"H x 6"W x 6"D.

Nice transceiver. Built last winter and have worked 38 countries QRP and get lots of complements on the clean sounding audio. Includes documentaion.

Ed Pacyna, W1AAZ

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  T E C H N O L O G I E S

  Enterprise Workstation Connectivity

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From owner-grp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [3810] FOX had a decoy!!!
Message-ID: <9611061717.AA28514@artemis.fc.hp.com>

The closest I heard to KB0ROL was his decoy, KB0KOL.
I worked feverously, squeezing CW out of the BCI, but no
sign of Brad or the pack. I only half-heartedly expected
to hear Brad, just 70 miles away, but I SHOULD have heard
the hunters! The band appeared open to all 4 corners of
the continental U.S. But, I heard, not a whisper from
this group. Bummer... That FOX in South Bend had better
find himself a decoy. 40m to there is like a dedicated
telephone line from my QTH! Maybe I'll get my first QRP
599 RST!

72 es "Tally-Ho"
de Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [3774] FOX Novice/Tech+ Results
Message-ID: <19961105.223536.7695.1.kb0rol@juno.com>

I'm sorry, I'm sorry. I don't know what happened. My brain could send
code to my hand (I think) but incoming was all garbage for the first 2
calls. I tried thinking about my audience in the nude but a bunch of OM
nude playing with paddles made it worse. Anyway here are my results for
the Tuesday November 5th - Wednesday November 7th GMT - Novice/Tech+ Fox
Hunt.

time is in Zulu

Time	RST	ST	Name	NR	Call
0201	569	CA	JIM	???	N6EPD or N6PDX
0218	559	CA	Gary	???	AA6RK
0225	559	CA	Harvey	???	W6BAB
0235	559	??	Mal	5W	AA7WT
0240	559	AZ	Mike	47	NQ7K
0315	459	??	?????	??	KC7NNL
0318	359	ID	Neil	119	WA7SSA
03??	349	MT	LADRA	790	KJ7UN
0337	449	OK	BOB	129	AB7ST

0355 349 ?? John 755 VE3BC

OK so I missed a few Important points - I still had all these naked OM in my brain and believe me it wasn't a pretty sight. The QRN was bad at my house, it would come and go. Then the BC came and chased me up - twice, Finally at 0240 I almost couldn't get Mikes number - thanks for repeating it over and over and over. I moved DOWN to 7.122 but no takers then to 7.110 I thought everyone would be there looking for me. I sent out a few CQ's and finally a taker KC7NNL - his first transmission was UR MY FIRST CONTACT ON CW so I did by civic duty and gave him a contact - he got so excited he told me he would send me a QSL card and sent 73 and NOW I GOT ONE and was gone. He forgot to send me any info, no name, no QTH and no Number 8=(

Nothing heard so I moved back up to 7.140 at 0318 and WA7SSA was there looking for me - YEA! NOVICE/TECH+ TEAM. Then KJ7UN gave me a shot (your name is now LADRA) then BOB and it died again I had some time to kill so I kept sending out CQ FOX and down really deep in the mud I thought I could hear something. I started twisting knobs and sure enough with my RS DSP on SSB and MED and my bandwidth down about 1/4 I could hear my call. I sent some ?'s and it came back to me. At first it sounded like K3E then CV but I decided on VE3BC I doubt if that is it but with all these naked people running around that's all I could do. He did send me an RST of 3?9 and I got a name of JOHN and a number of 755 - I wonder how close I was?

Well thanks again for all the great work, it was fun. Its now 0352Z and I need to get up in 7 hours - after I prepare a 45 min presentation for tomorrow that I didn't know about until about 3:30 this afternoon - work don't you just love it. I'm going to spend all day tomorrow with naked people running around in my head - who ever thought that one up should be shot.

72's to all and good night

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
Subject: [3801] FOX: tonight
Message-ID: <Pine.OSF.3.95.961106084456.15711B-100000@unicorn.it.wsu.edu>

Here is today's reminder. I'll be the FOX tonight.

*** UTC UTC UTC ***

November 7, 1996

0200-0400

*** UTC UTC UTC ***

Starting fq will be 7.037 HMz. I'll tend to move up, if needed.

I'll be running 5 watts from a Ten-Tec Triton IV into a GAP Titan. I've been thinking about a few changes to the antenna, but today's snow has put a stop to that! If I was operating outside this morning, my multiplier for FYB0 would be x5.

See you all tonight!

72,

Randy

WB5QMP ARCI QRP-L NORCAL NWQRP ARS

Moscow, ID

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: Bob Hightower <ki7mn@dancris.com>

Subject: [3863] FS: HW9 and Accessories

Message-ID: <199611070401.VAA04943@dancris.com>

OK, I'm gonna do it. I have an HW-9, with HM-9-A swr/wattmeter and HFT-9-B antenna tuner, all in excellent condx. Will sell as package only, \$425.00.

I will keep a list in case the first deal does not go through. Please reply directly, not to the list.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any order of importance.

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: stevebar@ix.netcom.com (Stephen A. Baranowski)

Subject: [3859] FS: MFJ 9030 with options

Message-ID: <199611070332.TAA13862@dfw-ix9.ix.netcom.com>

Hi guys -

I have a mint condition, but excess to my needs, MFJ 9030 30m QRP transceiver, which includes the MFJ-412 Curtis Iambic Keyer Module and the MFJ-726 Narrow Audio Filter, both installed. I had a minor intermittent problem, but MFJ just fixed that and tuned and checked it out last week.

AES has this setup for \$240 -

I paid \$230 last April -

The package is yours for the price of the transceiver alone - \$170 and I will pay the shipping.

72 de Steve / AA1BK

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: ldeering@haven.ios.com (LarryDeering)
Subject: [3758] Good Luck in Lottery!
Message-ID: <199611060432.XAA29409@haven.ios.com>

wa2yte is proud to announce a call change to w2gl. Now, how do I change my call on the subscribers list?

Larry

(YEEEEEE HAAAAAAAAAWWWWWWWWWWWW !!!!!!!!!!!!!!!!!!!!!) (yip yip yip ha-woooooooooooooo!)

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bill Acito 06-Nov-1996 0913 <acito@asdg.ENET.dec.com>
Subject: [3784] Got a new call?
Message-ID: <9611061421.AA10305@us1rmc.bb.dec.com>

To save a little bandwidth, I'll volunteer to compile a list of the new calls and send them off to the different QRP groups. I must be going through withdrawal from compiling QRP FD list.

Please send me your name, old call, new call, and suggestions of who should be notified (QRP-ARCI, QRP-NE, K5FO (fox), etc.)

I'll post a 1st pass list next week.

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life
(ex-KC1GS)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [3857] HB re: S/A project
Message-ID: <22544@sugarland.ampr.org>

I have been building a HB S/A for a few weeks now. It is described and detailed in the Sept., Oct., and Nov. '96 issues of Electronics Now magazine. The article says that it can be built for a \$100. I think that it can. I have a pretty good junk box and mine isn't going to cost quite that much. This is a 100mhz unit with built in power supply. It has a sensitivity of better than -80 dbm or about 22 uv rms on a 50 ohm line. Amplitude dynamic range exceeding 50 db which can be increased by built in IF attenuators. A built in comb generator allows accurate callibration of freq. and amplitude. It has a freq. accuracy of +/- 1mhz and amplitude flatness accuracy better than +/- 2 db across the entire range.

It's a pretty extensive building project and as usual, rounding up the parts is very time consuming. Almost all parts are available from DigiKey, Mouser etc. You need some some calabrated test equipment to test and align each section as it is built, but it looks to me like it will be a nice instrument when finished. It is not lab grade for sure but will do very well on a home test bench.

I'll let you know haw it turns out.

72,
Bill, K5ZTY

ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
WITHOUT CW, IT'S JUST CB

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3800] HB: Bare Essentials
Message-ID: <v01540b00aea669f9f8e0@[157.142.56.166]>

To the folks who are building either of the 1-tube transmitters from the schematics that Tom WB5QYT kindly provided us, I have found what looks to be a suitable transformer for the rig that uses one: Hammond Cat. no. 269AX (117V primary, and 125V and 6.3V secondaries). You can call them at 716-631-5700 or use their Web site (<http://WWW.hammondmfg.com>) to find your local supplier.

BTW, if you are building the other transmitter (no transformer, but direct hook-up to AC) I STRONGLY recommend that you use a line isolation transformer (Mouser, everybody has them) to "float" the voltage above your house wiring ground. I would hate to see anyone get a nasty (and potentially lethal) shock.

72/73,
Mike N5JKY (probably forever)

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: 06-Nov-1996 0818 <randolph@asic.ENET.dec.com>
Subject: [3783] HB: Super VX0 spectrum, xtal parameters
Message-ID: <9611061414.AA22418@us4rmc.pko.dec.com>

More "Super VX0" information...

I put the VX0 on the lab's HP 8558B spectrum analyzer, which is good to 1.5 GHz. The inductor used is the same 22uH funny-looking scrap inductor pulled from an old RCA TV set, and the variable cap is the same 20 pF air trimmer. I used a 10x, 10Mohm scope probe into the spectrum analyzer's 50 ohm input, and tapped the output with a 22pF cap at the spot where I hung the short antenna lead in previous testing, so the loading should have been pretty light.

This is dB below the 10 MHz carrier for harmonics 2-7:

	harmonic no.	----	2	3	4	5	6	7
With 2 crystals, cap fully meshed:			7	11	16	21	28	40
" 2 " " unmeshed:			8	11	15	18	23	30
" 1 " " meshed:			7	11	15	20	28	40

" 1 " " unmeshed: 8 11 15 19 24 31

There was one spot in the tuning of the cap, about 1/3 meshed, where both the 1 and 2 xtal circuits would break into oscillation at 5 MHz, half the xtal freq. This is apparently a fault of the circuit and not the parallel xtal technique.

No non-harmonic spurious outputs were noted, to about -80 dBc. The carrier level changed by about 5-6 dB from full mesh to full unmesh.

Conclusion: There is no substantial difference in harmonic and spurious outputs between the single-crystal and two-paralleled-crystal circuits, to about -80 dBc.

I also measured the xtal parameters for the two crystals in parallel, and one single crystal, using the lab's HP 8753C network analyzer. This was a 50 ohm system, with a 12 dB attenuator at the input to the xtals. Power applied at the input to the attenuator was 1mW (0dBm).

	loaded Q	Rs	center freq
2 crystals	2873	6.1	9.99977 MHz
1 crystal	5682	9.6	10.0000 "

This is about what I expected. Loaded Q is almost exactly half with 2 crystals. Rs (and insertion loss) are lower with 2 crystals, as more 10 MHz energy gets through, not unlike resistors in parallel.

Conclusion: Contrary to what one might expect, the oscillator should run better with two crystals, as loss through the crystals is lower. Q is lowered by paralleling crystals, so in critical applications where close-in noise is a factor, the Super VXO might not be the answer. I can't really see how there could be much of a problem in amateur use, as an LC VFO substitute.

The 5 MHz spurious oscillation and the varying output level would need to be fixed if I were to use this particular circuit in a radio.

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
=====

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Stephen H. Ponder" <n5wbishp@blkbbox.COM>
Subject: [3847] Info Needed
Message-ID: <9611061635.aa09106@blkbbox.COM>

I realize that this is not exactly related to QRP, but with all the FCC threads bouncing about, I thought I'd give it a shot ...

Is there a way to research old calls? I am trying to find out if my father (passed away in 1992) was ever licensed as a ham. He is the one who encouraged me to pursue the hobby ... my mom definitely remembers that he WAS a ham, but cannot remember what his call would have been.

ANY help would be greatly appreciated! Again, sorry for the extra bandwidth.

TNX ES 72 DE STEVE N5WBI

=====

N5WBI * Stephen H. Ponder * Houston, Texas, USA * Grid EL29kn
ARRL * QRP-L #720 * QRP-ARCI #8229 * GQRP #9432 * 10-X #65011
n5wbishp@blkbbox.com

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [3815] list of old and new gate 2 calls
Message-ID: <Roam.3.0.1.847304322.32710.myers@bigboy>

OK, so I took the Monday update and created a file of all Gate 2 vanity call changes. Because this is the Monday update, changes since then won't be in this list. I then took the qrp-l subscriber list and extracted the callsigns (as best as I could) and reduced the set to calls starting with A, K, N, and W. Then, I looked up all these calls in the Gate 2 change file. There are 103 in all. Now, if the list owner could automate the update of the qrp-l subscriber list from this, we wouldn't have to wade through 100 messages to qrp-l about new calls ;-)

Dana K6JQ
Dana@Source.Net

Here's the result - the form is 'old call' -> 'new call'

WA3ULH -> W3DX
WA1YIA -> K10J
AA2UA -> K2DE
N2BCF -> K2TF
KA3YJG -> K3TE
N9HXX -> K4AH

WM4Z -> K4YA
KM6WR -> K6GK
KQ6AG -> K6JI
KK6JQ -> K6JQ
AA2UV -> W2WG
WE9D -> K9AM
AA6RS -> KF7X
N4JEO -> KK4R
KC1CX -> KT7N
AA2UF -> N2DY
AA2UI -> N2RD
NQ3I -> N3SW
KF5KF -> N5KF
N4UHO -> N5SK
N6ULU -> N6XU
AA7QY -> N7KT
AA0UB -> N7MR
WA7TWI -> N7NT
N6XI -> N7TN
KG8HT -> N8TB
WA0VQR -> W0DC
WB0YDD -> W0EN
WC0Z -> W0MC
W0PNS -> W0TJ
K1MON -> W1ME
KC1GS -> W1PA
WD5GNW -> W2CL
KG2DP -> W2DP
AA2UQ -> W2ES
K2BEV -> W2US
WA2UAX -> W2UX
AA4YZ -> W3AW
N3MBY -> W3CD
KE3NV -> W3CV
AB0AL -> W3DW
W8KUX -> W3KC
KE3SI -> W3OX
AC4QO -> W4FPJ
AE4CA -> W4ED
W4UKU -> W4UK
WB5LXA -> W5BX
N5ETD -> W5DZ
WA5VQK -> W5FN
KD8GX -> W5GQ
AB5LU -> W5JPM
K5UPX -> W5TK
WB6AAM -> W6CJ
KS4LG -> W4USA

N6PDX -> W6JHB
KF6MP -> W6ZL
WB7OJT -> W7OJT
WB8ZJL -> W8KC
WB8RUQ -> W8RU
K9DZE -> W9DZ
WM3B -> K3VP
NJ9C -> W9UR
KF8AT -> W8RO
KC7CKP -> K7MP
N6MVE -> K6MW
KC5RAS -> K5WO
N50CD -> K5RV
NT0L -> W0GD
K4CPK -> W8BC
KR4ZD -> K4ZD
AC5GY -> NR3E
AA0YU -> N0VA
K04AJ -> K4GT
AA7WT -> N7GS
KF6MU -> N1DT
AC6IY -> N6JJ
KD7S0 -> K7S0
WB70AR -> N7GW
KB8LFQ -> N8JM
AA0XZ -> K0GN
AB7PF -> N7TX
N6HCS -> N6EV
WD4MPS -> W4EAE
KD4HZ -> W5KJ
KE1DE -> W1PS
WA3Y0N -> N3RN
WA0RPI -> N0UR
N2LZI -> K2ZI
KB50B -> K5LE
WA40SR -> W40A
WT6P -> K7TP
N4BP0 -> K4P0
AB6DG -> W6SU
AA2YR -> W2BJ
KD4BPI -> K4WG
KB2TE0 -> N2T0
KK6ZC -> W6KI
WB6JJE -> W6GL
AA8VN -> W8XI
K06VY -> N9YS
N4NCU -> N4LP
N6GAT -> N6IS

AA3ON -> W3WZ

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Tom Arvo <wa8dxd@magicnet.net>
Subject: [3822] Milliwatt CD INFO
Message-ID: <2.2.32.19961106195543.0067b620@mailhost.magicnet.net>

Hi All:

Over the past several days we have received several requests for more info on the Milliwatt CD and its availability. Here's the basic info for those interested.

The CD features the complete series of Milliwatt publications (33 in all) originally published by Ade Weiss, W0RSP in the early '70s. Also included are QRPXtras, a folder containing various shareware/freeware programs including qrp projects, loggers, antenna design, qsl & other utilities.

The CD will work with both PCs and MACs.

Mailed with the CD on a "while supplies last" basis is an original issue of The Milliwatt.

Price is \$24.95 postage paid to anywhere in North America. Add \$3.00 for DX orders. Currently we do not accept credit cards but you can mail payment in the form of check or money order payable to:

The Milliwatt CD
P.O. Box 2550
Goldenrod, FL 32733-2550

If you have any further questions, please feel free to e-mail them directly to me at <arvo@arvo.com>.

73, Tom WA8DXD

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Markus Zimmermann <100724.2637@CompuServe.COM>
Subject: [3772] More SSB-power for 'old' QRP+
Message-ID: <961106085839_100724.2637_EHU143-1@CompuServe.COM>

Hello QRP+ owner
The max. power in SSB on my QRP+ (ser. nbr. 348) was limited to about 2.2W pep.

That's in my opinion not enough to run a SSB QSO on the lower bands. Since a few month I tried several modifications, but without success. Last weekend I made following mod which is very easy and gives you about 5 - 6W SSB power on all bands.

Solder across (parallel) to C12 (near to U2 MC3340P) on the AF-PCB board a 10K trimpot. Adjust for max. power and monitor your signal with an other RX. Now you are able to reduce the ALC. The modulation is still ok an so far I got good reports on the band.

Is this mod new for the group? Anyway good luck and best 72.

Markus, HB9JNH
G-QRP 5120

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [3795] More Sweepstakes
Message-ID: <v02130506aea65c8ac953@[192.31.66.229]>

It is nice to see that so many QRPers participated in the CW SS. I have made a final tally of QSOs per band;

160	0
80	33
40	67
20	88
15	27
10	0

With the exception of a 20 minute run on 40 M this was all search and pounce. I checked 160 M several times on Saturday night and evening, even called CQSS, but got no replies. I imagined some wise old timer sitting in front of a D-104, Viking II and HRO-60 laughing at the futility of my efforts. Oh well, like the old QST cartoon says you got to make calls to get replies.

I had taken Friday off as it was my wife's birthday and checked the bands to see what they would be like for SS. 10M was open stateside then, with some 4s coming in. Propagation got worse for SS. I went up to 10 during the day on Saturday and Sunday to check for activity. All that was coming in were South American stations. I will have to put up a wire beam directed on SA for the ARRL 10 M contest in December.

It looks as if one could run up a respectable score by concentrating on 40

M and 20 M alone. Like I said before, I thought I hated 20 M during contests, but it rewarded me with the most contacts, and I believe, the most multipliers. I am beginning to see why 20 M is so popular during contests. It does have a certain attraction.

I developed the following pattern which seemed to work out OK. I would go up and down the band answering CQs. If no answer after 3 calls I would move on. After doing this a couple of times I would QSY to the next lower or higher band and do the same thing. By the time I returned to the band I started on propagation would have changed and there would be a whole new offering of stations to work. I would try to call CQ at least once on the band before QSYing, but this seldom resulted in a reply, and if it did, only once resulted in a run.

I checked 20, 15 and 10 every hour or so after they folded to check for sporadic E, but this too was fruitless. You never know though.

I think that Chuck's precontest pronouncement of making 100 QSOs in 5 hours at 20 wpm as quite doable is a bit optimistic for the average QRPer. I think that the average QRPer with a good station and modest antennas, say dipoles at 35 feet, is doing well to make 15 QSOs per hour and keep it up for several hours. The posts I have seen from good operators (not necessarily me) here seem to bear this out. None the less, the 100 QSOs for the pin are achievable with modest effort even at a rate of 8 to 10 per hour.

My all paper effort went OK, but during the last hours of the contest when my rate went to 22 or so per hour this got a bit hectic. I kept a log, dupe sheet, and multiplier check off sheet on the desk. The multiplier checkoff sheet didn't get much attention here on the list before the contest, but I realized into the contest that it is very important to getting the multiplier count up. Everyone knows when they haven't worked the really rare ones, like AK and WY, but it is difficult to believe that you haven't worked all the California multipliers or WTX without a check off list to consult. One would not pause to wait for a SB section unless the multiplier list was consulted.

I guess if all the QRPers are searching and pouncing it is not odd that QRPers work few QRPers.

Somebody should put all this collective wisdom together now in a file to keep in the archives for next year's sweepstakes. Did I just volunteer for that?- Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Floyd Soo, W8RO" <hires@rust.net>
Subject: [3799] More Vanity Insanity!
Message-ID: <3280E82A.6674@rust.net>

Sorry for the bandwidth, but I have to concur with Paul (W8KC), that ever since the mid-60s as a kid getting interested in ham radio, I dreamed of having a W8 1X2 call.

I agonized over this decision to "buy" this new call or keep my last assigned call. Until the Friday before the Monday Gate 2 opened, I continued to vacillate. It wasn't until 4 pm Friday that I decided to "go for it".

The 1st 3 calls that I asked for were taken and still used, however, I felt I had to ask for them just on the outside chance they were available and I didn't know it. the 1st 2 were my initials: W8FS and K8FS. The 3rd was the one I was "given" by accident a few times (even though it didn't belong to me: K8AT. This was my old call with the "F" dropped from the prefix.

So even though W8RO was 7th on my list, it was actually the 3rd or 4th call that was available! Why RO, you ask? I grew up in Royal Oak, Mich. Much of my 1st 20 years was surrounded by RO, addresses, school names, stores, etc. Additionally, I really like the way it sounds on CW!

So, now begins the task of securing new license plates, new QSL cards, new address labels and stamps, new name tags, new caps and shirts...

Thanks for your indulgence, this is an exciting personal time in my ham radio world!

BTW, no regrets on my decision to change callsigns!

--

72,

Floyd Soo, W8RO

President, HI-RES Communications, Inc.

Net Manager and Board Member, Collins Collectors Association

QRP-L #392

hires@rust.net

<http://www.rust.net/~hires>

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: rright@primenet.com (Roger Hightower)
Subject: [3792] N/T Fox...Where?
Message-ID: <199611061529.IAA00771@primenet.com>

OK guys. I have not heard a single N/T Fox. What's the password? How does Mike, NQ7K do it? He isn't too far from me, but seems to get right in there.

Well, there are more this week, so all is not lost. Maybe Niel will come out of the bushes. Or WB5QMP. I suspect I'm right off the end of Niell and Brad's antlers, but that 5 call might be a better shot. I'll be there, guys. Need that 5 points.

'Nother comment on SS CW Speeds: When I was trying to get my code speed up to pass the 13 wpm test, I put my mic in the closet, far away from the rig. Operated nothing but CW, and got into every contest/dx hunt I could. Hard at first, but the word recognition came, and the speed built. It's in your brain, but you have to work to develop it. Don't give up.

A few years ago I tried to copy CW with a TNC in a contest atmosphere. Didn't work worth beans, because my filters weren't tight enough, there was too much qrm and qsb, and it took too long to tune in a signal. Rate went down to zip. Never tried that again, but it was an interesting exercise. The human ear is much better than a TNC unless you doing RTTY, :-)

Join in on the fox hunts and copy all the calls you hear. Use RUFZ. Chase DX. Listen to W1AW at the higher speeds. It will come to you. Hang in there es GL.

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [3861] Need Heath Xformer
Message-ID: <22556@sugarland.ampr.org>

Help!

I need a power transformer for my Heath IG-72 audio generator. It is Heath part # 54-253, specs: 120vac pri., 640vac ct secondary with 6.3vac filament winding. I don't know what the current rating is but probably not over 100ma. A junker IG-72 with a transformer in it would be great.

Any info will be appreciated.

Thanks in advance,

Bill, K5ZTY

ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
WITHOUT CW, IT'S JUST CB

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3775] New calls
Message-ID: <Pine.SOL.3.94.961106070535.8661E-100000@utkux4.utcc.utk.edu>

I hope that someone is compiling a list of who is who now and ain't no more that other. We shall all need a scorecard for a while.

A reminder to the proud bearers of new calls: please notify all ham publications of the change, since their records often are sorted by call for various purposes.

As for me, I'll be W4RNL for the rest of my life. I associate names and calls and do not want to forget who I am. Good CW call anyway.

Congratulations to the winners.

-73-

LB, ex-W1APS, ex-W0JGG (If you knew me by either of these, you just revealed your age.)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: JCoote@aol.com
Subject: [3763] New vanity call...almost
Message-ID: <961106003133_1550141486@emout13.mail.aol.com>

Hi all,
I checked the ARRL website for FCC transactions and learned my new call will be W6CJ. (I guess the FCC found the plug on their computer and fixed their problem)

73, Jay
WB6AAM (for now)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Mike Boice <kd0fx@worldnet.att.net>

Subject: [3852] Non-inductive resistor source

Message-ID: <1.5.4.32.19961107010159.00668b4c@postoffice.worldnet.att.net>

Where can I find a source for non-inductive resistors? I'm looking at building a simple watt meter, and it calls for non-inductives. I recall a posting here earlier this summer stating that the 100 ohm 1 watt RS metal films were essentially non-inductive, and am wondering if this would apply to most other metal film resistors as well. I need 100 ohm, 2 watters. I have local source of cheap 1 and 2 watt metal films, but he says he'd have to look around to order some non-inductives, and I'm scared to ask him the price. I've looked in the Mouser catalog, as well as several others I have, but no mention of non-inductives.

Any ideas?

73,

mike KD0FX

Richland WA

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996

From: Barry Keating <Barry.P.Keating.1@nd.edu>

Subject: [3791] Novice FOX Tonight (Wednesday local date)

Message-ID: <v03007800aea65bc776f6@[129.74.87.62]>

** Novice Fox ** ** Novice Fox ** ** Novice Fox **

** Tonight -- Wednesday night local date **

I know you're tired from the SS marathon, but ...

I will be on the air for the third time THIS evening (the local date is Wednesday, November 6).

WD4MSM -- Novice Fox

Wednesday, November 6th (local date)

8:00 - 10:00 pm local (New York) time

7:00 - 9:00 pm local (Chicago) time

0100 - 0300 UTC

frequency: 7.112 +/- MHz (alternate: 7.121 +/- MHz)

QTH is South Bend, Indiana (90 miles east of Chicago)

QRP-L# 642

Come SLOWLY!! Bag an N/T Fox :-)

Barry Keating

WD4MSM

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [3858] Old/New calls on the list
Message-ID: <199611070321.UAA03804@dancris.com>

I have a database compiled of those who have qrp-1 numbers, and have updated with the new calls supplied by Dana. I'm sure Jim is doing the same thing, probably right on the qrp-1 page.

The file gives qrp-1 number, e-mail address, call, first and last names where I have them. If you are subscribed to the list, but don't have a qrp-1 number, you won't be on this file...it would be just too large to do that and distribute it.

The file is a zipped .txt file (qrplst.zip) and is about 20K in size. If you want it, let me know and I will send it to you. Please reply directly to me and not to the list.

There is no guarantee of accuracy, but I have done what I can to be as accurate as possible. New calls issued since last night are not on this list, but you can update it when you get it.

Jim and Chuck, I hope I'm not stepping on any toes here.

I will not maintain this list...it's a one-time thing and the offer is only good through Sunday evening. After that, it's gone. No further updates.

If you would like a printed list, send an SASE to my callbook address. Same cautions...no updates, one time deal.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any order of importance.

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: lve1@inel.gov (Larry V East)
Subject: [3796] OM, YL, etc. -- and now "OF"?
Message-ID: <2.2.16.19961106160855.3547cb5e@eloi>

>

>However, if we restore Young Squirt for newer QRP ops, do we call the
>experienced (=old) Old Fizzles?

>

I thought it was "Old Farts"... :-) (Or is that term reserved just for Old
White Farts?)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [3851] QRP Lowfers (VLF/LF)/Ionosphere
Message-ID: <19961106.141408.4551.0.wa5whn@juno.com>

Dear QRP Lowfers & Interested Parties,

As background information, try the following URL;

<http://www.gsfc.nasa.gov/education/inspire/inspire.html>

2 weekends, Nov. 23 - 24 & Nov. 30 - Dec. 1, 1996 , MIR (former USSR
Space Station) will activate a plasma generator & modulate (10 Hz & 1
KHz) an electron beam, at pre-arranged times, pointed at the ionosphere.

For VLF/LF receiver kit information (RS-4, \$56.00 includes shipping, USA
only, additional fee for DX shipments) contact pinebill@aol.com or
pine@nssdca.gsfc.nasa.gov (Bill Pine). There will be a new receiver kit
design, later in the fall of '96. I would suggest that You subscribe to
"The INSPIRE Journal", which is published twice per year, @ \$6.00/year.
Contact Bill Pine, at the above email addresses, if You are interested in
both the receiver kit & subscription to "The INSPIRE Journal".

Will be listening...Jay, WA5WHN

Grid Square: DM65qd

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: kgraham@CSWNET.COM (Kenton E Graham)
Subject: [3777] SLV efficiency and antenna EFFECTIVENESS
Message-ID: <199611061300.HAA24880@troi.csw.net>

Hello, QRPers: Well, I've certainly been keeping my head down since I made
the original post starting the above thread! I have been in the "try it and
see how it works" group regarding antennas for 40+ years, and still am. So I

felt bad about being perceived as someone who would discourage antenna experimentation...

I did appreciate the recent post by Bruce, VE3UWL with the freshly cooked Pasta analogy (could he have meant to refer to loading a wet noodle??). I was beginning to think I was one of a very small crowd interested in antenna efficiency!

I live in a retirement village with a ham club membership of 25+ hams, most of which are over 75 years of age, and several of which are living in multi-story apartment buildings. So far, I have helped several of these guys get back on HF by designing base loaded whips (8 ft) worked against the steel balcony rail. I realize that these antennas suffer terribly in the efficiency department, especially on 40 and 80, but these guys are working hf.

So, regarding the SLV, the intent was not to discourage using it, but rather to encourage making an educated choice when there are many options, especially for fixed station operation.

-72/73- Ken K5ID

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [3835] so long
Message-ID: <199611062055.PAA00768@smtp1.erols.com>

Well folks, its been nice knowing all of you, but KE3NV must say farewell.

The new call is W3CV :-)

Woodwardville Amateur Radio Club is no longer KB3BKJ... New call is W3DV.

I tried to find available calls that were close in sequence so my call and the club call would be close to the same.

I got pretty lucky!

72/ 73 from W3CV, and W3DV adios

.....
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: torell@sicom.com (Kent Torell)
Subject: [3809] SS entry format
Message-ID: <v02130503aea576763109@[192.91.202.41]>

Ok, so everyone should submit their SS entry to the ARRL. Never having done anything like that, I read the ARRL SS info, and got their contest form from their info server, along with the suggested log format. I believe you just send this in to the arrl at contest@arrl.org, and on the subject line put CW SS Entry. I'm posting this to ask if this format looks right, or should I modify it, or what? If it's correct, you other guys can use it also....

72, ab7oa torell@sicom.com

-----forms follow-----

A

----- R R -----
(Do not write above line)
L
ARRL NOVEMBER SWEEPSTAKES
[X] CW
[] PHONE
[] Novice
[] Technician
[X] Other

CALL USED ___ AB7OA ___ PRECEDENCE_ Q __ CHECK_ 67 __ SECTION _ AZ __

CALL OF OPERATOR IF DIFFERENT FROM CALL USED_____

[X] Single Operator
[] Multioperator (list calls of ops)_____

SCORING: _ 40 __QSO points X _ 17 _sections = __ 680 ____claimed score

Count 2 points per complete QSO. [Cross out sections on the list below.]

680	20	17	5	10
-----	----	----	---	----

Claimed Score QSOs Sections Power Output Hrs of Op

```
+-----+
| Club participation?  Yes___ No_X_ |
| ARRL Affiliated Club:_____ |
+-----+
```

"I have observed all competition rules as well as all regulations for Amateur Radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the ARRL Awards Committee."

Date _ 11-5-96 __ Signature ___ Kent Lynn Torell ___ Call __ AB7OA __

Please enclose log, photos, comments, ideas, etc. with your entry and mail promptly to: ARRL Contests, 225 Main Street, Newington, CT 06111.

```
+-----< MULTIPLIER CHECK-OFF LIST >-----+
| 1   2   3   4   5   6   7   8   9   0   VE   |
| CT  ENY DE  AL  AR  EB  --  --  --  CO  MAR  |
| EMA NLI EPA GA  LA  --- ---  --  IN  IA  PQ   |
| ME  NNJ MDC KY  MS  ORG ID  WV  WI  KS  --   |
| NH  --- WPA NC  NM  SB  MT          --  MB   |
| RI  ---      NFL NTX SCV NV          --  SK   |
| VT  ---      SC  OK  SDG --          NE  --   |
| WMA          SFL --- SF  --          ND  BC   |
|          TN  WTX SJV ---          SD  YU/NWT  |
|          VA          SV  WY          |
|          PR          PAC AK          |
|          VI          |
+-----+
```

NAME___ Kent Lynn Torell _____ CALL___ AB7OA _____

ADDRESS___ 7749 N 5 Ave _____

_____ Phoenix, AZ 85021 _____

(partial) Log follows

BND	MD	DATE	TIME	STA	SENT	RECEIVED	MULT	PTS
		11/02/96	2105		START OPERATION			
20	CW	11/02/96	2115	W0RAN	NR1 Q AB7OA 67 AZ	NR6 A W0RAN 57 MN	*	2
20	CW	11/02/96	2144	AA8U	NR2 Q AB7OA 67 AZ	NR22 B AA8U 62 MI	*	2
20	CW	11/02/96	2155	AA1HB	NR3 Q AB7OA 67 AZ	NR47 B AA1HB 59 EWA	*	2
		11/02/96	2205		STOP OPERATION			

	11/02/96	2325		START OPERATION					
20	CW	11/02/96	2328	N8JEC	NR4 Q	AB70A	67	AZ	NR120 A N8JEC 77 OH * 2
20	CW	11/02/96	2333	AA7KF	NR5 Q	AB70A	67	AZ	NR133 A AA7KF 59 OR * 2
20	CW	11/02/96	2340	N7ICK	NR6 Q	AB70A	67	AZ	NR95 A N7ICK 63 OR 2
20	CW	11/02/96	2351	W9OF	NR7 Q	AB70A	67	AZ	NR90 A W9OF 54 IL * 2
20	CW	11/02/96	2358	AA00B	NR8 Q	AB70A	67	AZ	NR134 A AA00B 67 ON * 2
20	CW	11/03/96	0059	KB7QOD	NR9 Q	AB70A	67	AZ	NR72 A KB7QOD 92 WWA * 2
40	CW	11/03/96	0152	KE7RQ	NR10 Q	AB70A	67	AZ	NR12 A KE7RQ 77 AZ * 2
40	CW	11/03/96	0306	KB7RYU	NR11 Q	AB70A	67	AZ	NR18 A KB7RYU 93 AZ 2
40	CW	11/03/96	0415	AC5K	NR12 Q	AB70A	67	AZ	NR257 A AC5K 72 STX * 2
		11/03/96	0448		STOP OPERATION				

Kent Torell torell@sicom.com 602-483-2867 x230
 SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
 From: JohnsonHE@aol.com
 Subject: [3798] stop the madness!
 Message-ID: <961106112926_1114807861@emout04.mail.aol.com>

Please, please
 Unsubscribe qrp-1 johnsonhe

all the traffic I have to delete before reading because of having nothing to
 do with QRP is killing my fist.

W4ZCB

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
 From: Phil Wheeler <pcw12@ix.netcom.com>
 Subject: [3860] Test Msg
 Message-ID: <328159D7.27F@ix.netcom.com>

This is a test.

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
 From: KB0PJE /5 Jack Dougherty <jdougher@wt.net>
 Subject: [3831] TG: Torroid Goop Survey Results

Message-ID: <3281080F.101@wt.net>

Thanks for the many Goop Replies. Survey results are:

Q-Dope 32%
Duco Cement 16%
Nail Polish 16%
Silicone Rubber 8%
Shellac 8%
Teflon tape 8%
Candle Wax 8%

(and 1 entry that said don't use anything. Just wind them tightly).
(and 1 entry that said this was covered before; I'm a newbie and missed it)

The candle wax idea was intriguing because it's reported to make a homebrew rig smell like an old Heathkit (Not sure if that's good or bad -- my DX-35 always smelled like burnt offerings to Ohm and 6146B's) and is removeable with a little heat for adjustment, etc. - sounds like a good idea.

The plumber's teflon tape idea also sounds like a good idea because it too is removeable (I ran out of the stuff last mother-in-law sink repair job).

And one nail polish suggestion included the warning NOT to use the SPARKLING kind cause it may have metallic pieces in colloidal suspension which could be a shorting source (did anyone else read Uncle Wayne's latest on drinking colloidal metallic suspensions as a health tonic this month??)

Seriously, thanks for the replies... I didn't have a clue what to use, but have settled on nail polish since the late night drugstore near home had El-cheapo Clear on sale for 97 cents. If I ever go further into the toroid business, I'll get Q-Dope as the clear favorite of a majority of experienced toroid winders, and I gotta restock my plumbing tape supply.

Thanks to a very helpful group for much advice to a rookie solder burner.

TU
KB0PJE /5
Jack /Houston

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [3813] The meaning of QRP
Message-ID: <199611061813.SAA26885@mail.enterprise.net>

Thanks to all who sent me their 'definitions'. I will send them all out for your perusal.

Cheers and remember, 'it's only a hobby' (huh?)

72/3

Frank G3YCC GQRP 042

QRP Web pages: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: Sterling <slombard@primenet.com>

Subject: [3771] The radio shack 49MHz fm ht's

Message-ID: <Pine.BSI.3.95.961106013400.18698B-100000@usr02.primenet.com>

Has anyone out there successfully converted these little 49MHz radios over to the 6 meter fm band? These are the ht's with xtals.... not with the plls. It seem as though they'd make a challenging rock bound, qrp rig.

-Sterling W. Lombard (KB7JTZ)

<http://www.primenet.com/~slombard>

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: bob.roach@sourcebbs.com (BOB ROACH)

Subject: [3838] TNX Call Info

Message-ID: <8CBB321.000104AC0C.uuout@sourcebbs.com>

Thanks to all who responded to my request for call sign info. I hope soon to have full access to the internet and not to bother anyone with this nonsense anymore.<GGGG>

73

KE4QOK

Bob

... Exercise your right to arm and keep bears!

___ Blue Wave/DOS v2.30 [NR]

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: Bob Marsh <bmarsh@hicom.net>

Subject: [3782] TS-850 QRP Mods

Message-ID: <32809D04.4DB7@hicom.net>

Hi all,

I remember seeing something on QRP mods for the Kenwood TS-850 not too long ago. At the time, I wasn't interested, but.....

Does anyone have an 850 that's been modified? How low can you actually bring the power down to? I'd like to hear from anyone who's either done it or knows the correct procedure.

Tnx es 72/73 de Bob/KB2SGM

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3834] Vanity Call info
Message-ID: <v01540b06aea6a2112913@[157.142.56.166]>

Sorry for the bandwidth, but vanity calls seem to be the topic of the day...

Let's assume that I upgrade in a couple of months to extra class (its looking more likely :)). I have to admit that I don't have a burning desire to get a 1X2 call, N5JKY is O.K. (gasps heard from the audience). However, I was first licenced back in 1969 as WN5AES. I looked in the callsign server and found that W5AES, WA5AES, and WB5AES are all unused. Can one of these calls be requested? I have to admit that getting my old suffix back would be a real temptation to change calls (I particularly like W5AES).

I know that I could go to the FCC's info and probably figure out the answer myself, but hey, I'm lazy. What's the answer?

Thanks,
Mike N5JKY (maybe not forever, after all)

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3839] Vanity Call info
Message-ID: <v01540b01aea6b05b5b63@[157.142.56.166]>

Called the FCC's 800 number. Actually, I can't request W5AES until Gate 3

opens or until I upgrade. You actually to have held a call to get it - having the novice version doesn't cut it (I guess I could get WN5AES back, but that might seem a little strange...). The FCC agent said that she had been asked this several times.

Mike N5JKY

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [3794] Vanity Insanity - long!
Message-ID: <Pine.OSF.3.95.961106100527.23183G-100000@saturn.acs.oakland.edu>

Now that the new calls are FINALLY here, we'll be taking up some QRP-L bandwidth with short discussions. Please forgive this not-exactly-QRP related discussion.

W8KC...

I received my NUMBER FOUR choice, but after considering the outcome, this call really should have been my NUMBER ONE choice. KC stands for Katie (7) and Colleen (5) my two little darling girls. A significant choice for a call if nothing else. I am curious as to the thought process others used in selecting a callsign, You may email me privately with your thoughts.

The ZJL scale. Many of you know that for years, the ZJL Effectiveness Scale was the de-facto standard for judging the performance of a callsign based upon scientific and subjective analysis. W8KC rates around 8.7 on that chart. WB8ZJL was a 1.8 and with the advent of Vanity calls, actually dropped to a 1.3. Don't ask for the formula, it's uncomprehendable :-)

I don't believe I can justify running the ZJL system because my call is no longer so miserable that others will not be offended when they find out their own call is a low number.

Here is MY entire list as submitted to the FCC on September 23, 1996 (read left to right!)

W8MI W8HI W8CQ *W8KC* W8HR W8MM W8NW W8HF W8NT
W8LO W8RR W8LC W8NS W8ND W8RO W8IT W8MA W8MO
W8MK W8GO W8UN W8JT K8PV W8JJ W8QRP <--- VOID!

My new call was obviously one of the first pulled because "Ham Radio," "Mickey Mouse," "North West," etc, were all desirable to testers.

W8MI, W8HI, and W8CQ are all cool, but I think the novelty would soon wear off, unlike the Katie Colleen connection in the W8KC. As the unofficial humorist of QRP-L, W8HI would seem fitting, but, like W8CQ, would seem pretty insipid after a while.

There were obviously some glitches in the FCC computer. A fellow in California was assigned THREE calls, all quite unusual, beginning with the prefix WW6!

Analysis also shows the vast majority of day one calls were W#-- calls.

Many applications show hams were eager to dump the so-called Metric-Calls, 2x2 and 2x1 group calls.

Surprisingly few 2x3 holders gave up those "old" calls for a shorter call as I did. Perhaps they will regret this later as I was afraid I would (had I not applied!) once the 1x2 calls were gone. I mean, I could always "buy back" WB8ZJL, sheeze... who would want it?

So I'm sorry if I'm rambling here but this is one of the most exciting things to happen to me in 20 years of hamming with that miserable old call :-). Thanks to all my friends on QRP-L, for bearing with us on this discussion!

73! =paul= W8KC

ObQRP: My first THREE HF QSOs were all QRP. Two of them were two-way QRP!

I did crank up the power to 100w when I dipped into the lower 25 to see if I could pick up a DX contact on 80M early this morning.

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [3819] W5Fox Night
Message-ID: <9610068473.AA847312979@devmail.sps.mot.com>

Howdy Folks - Well, the new ones are here... I got my #11 pick, but it's kinda cute.... FOX NITE!

Just had to try it on last night... & with a CQ, Tom, N9DD came back to me.. Hooray, the 1st QSO was with a fellow QRP-ler & he's at 5 watts too. Couldn't get any better. Real nice chat for about a half an hour. - Thanks again Tom!

Wonder how Chuck is gonna fit the new ones into the standings, scores.

Don't forget, Dec 26 is w5Fox Nite! haha

Tim

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Floyd Soo, W8RO" <hires@rust.net>
Subject: [3767] W8RO ex-KF8AT!
Message-ID: <32805B84.144B@rust.net>

I want to thank Paul, W8KC (ex WB8ZJL), for giving me the good news that my new call sign is now W8RO! I too, am elated! Hope to catch some QRP types with the new call soon!

--

72,
Floyd Soo, W8RO !!!!
QRP-L #392
hires@rust.net
<http://www.rust.net/~hires>

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3764] WB8ZJL - NOT ANY MORE???
Message-ID: <Pine.3.89.9611060010.A2371-01000000@w3eax.umd.edu>

I was listening to 80 CW tonight and WOW! It's someone explaining how he got this new callsign, and how it's weird not using WB8ZJL.

Hmmmm....I copied it but won't spoil it.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bill Morris Denton <bdenton@tenet.edu>
Subject: [3842] Re: cad programs????
Message-ID: <Pine.OSF.3.91.961106151801.27311A-100000@alpha.tenet.edu>

I just purchased a program called Visio Technical. It's a drag and drop program that operates under windows 3.1 or 95. Have not actually used it yet. All the electronic symbols are in a window along the side and just drag them over and drop them where want them. It very easy to use. I bought it for a nother reson but look like it would be great for electronic drawing. It will also do floor plans, plumbing, electrical, landscaping, networking, flo charts an many more. All drag and drop. you can also creat you own symbols. I tried to figure out auto cad and auto cad lite. got nowwere on my own. This program you can start drawing 5 minutes after you hve it loaded. I comes on CD and 3.5 in the same box.

Check them out on the web at Visio.com for a demo.
The locals have it for about \$170.00+ -.

On Wed, 6 Nov 1996, Phil, AC6LS wrote:

> Would like to start drawing my own schematics. Need a recomendation
> for a program that is easy to use and supports most of the current
> devices used for homebrew circuits. I prefer a window program although
> DOS is not a problem. You are probably more familliar with the features
> I need. Ability to generate pcb's in not needed but would be a definate
> plus. An avalible demo or shareware version would be nice also, due to
> the cost of some of these programs and their compexity. Also should be
> fairly easy to use, ie- not requiring an hour or so just to "re-learn"
> the program every time you go to use it. (I have a nice cad program, but
> if you dont use it every day.....)
>
> I welcome your suggestions, 72/73 de PHil
>
>

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: kd1jv@juno.com (Steven Weber)
Subject: [3846] Re: cad programs????
Message-ID: <19961106.164703.7223.0.KD1JV@juno.com>

Hi Phil,

I use KeyCAD complete. I'm not sure if it's still available or not, but is a great, easy to use drawing program. Plus it's cheap. \$29.95. They also have a windows version, but I use the DOS one.

It comes with electronic symbols which is pretty compete. Only had to redraw one of the transistors to get all possible orientations. And a PNP version, which they forgot. It will print to real scale, so you can draw front panel artwork and then laminate it, makes for a nice simple, neat front panel.

I've also tried TurboCAD and that one's useless.

I have Generic CAD 6.0, and that's pretty good, a lot like AutoCAD, but is a lot harder to use, so I don't use it much.

For pc board cad software, that's a lot harder. PADS has a shareware version which is not bad. But for the most part, you will have to buy a package to get something that works well. There are a number of packages available for about \$100. Digi-Key has one and I see one called "Circuit Layout" in the JDR Microdevices catalog for \$59.95. It supports dot matrix (big mistake) or laser printer (only way to go) and will "flip" the layout for toner transfer board making.

Chances are good that if you hunt around on the WWW, you will find free demo software here and there. Maybe someone else could tell you where to look.

Good Luck,

Steve, KD1JV

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: rob3ert@juno.com (Robert G. Parks)
Subject: [3855] Re: cad programs????
Message-ID: <19961106.155043.7294.0.rob3ert@juno.com>

Phil,

Try IVEX at:<http://www.ivex.com>

I use their schematic program as well as their PC board layout program.
Fairly easy but somewhat limited.

72/73

Bob Parks
K6AEC

On Wed, 06 Nov 1996 11:10:47 -0700 "Phil, AC6LS" <ac6ls@amsat.org>
writes:
>Would like to start drawing my own schematics. Need a recommendation
>for a program that is easy to use and supports most of the current
>devices used for homebrew circuits. I prefer a window program although
>DOS is not a problem. You are probably more familiar with the
>features
>I need. Ability to generate pcb's is not needed but would be a
>definite
>plus. An available demo or shareware version would be nice also, due
>to
>the cost of some of these programs and their complexity. Also should
>be
>fairly easy to use, ie- not requiring an hour or so just to "re-learn"
>the program every time you go to use it. (I have a nice cad program,
>but
>if you don't use it every day.....)
>
>I welcome your suggestions, 72/73 de Phil
>
>

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: rhigh@primenet.com (Roger Hightower)
Subject: [3821] Re: Electronic filing of SS logs
Message-ID: <199611061852.LAA29151@primenet.com>

At 10:09 AM 11/6/96 -0700, Laura wrote:
>If I want to file my log electronically, where would I do that?
>
>Thanks in advance!
>
You can file via e-mail to contest@arrl.org or via ftp at ftp.arrl.org using
the ARRL Suggested File Format (Available at arrl.org, look in the contest
section)

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Laura" <sputnik@imt.net>
Subject: [3797] Re: FOX - Got One!!!!!!
Message-ID: <199611061544.IAA23432@cu.comp-unltd.com>

Dear KB0ROL, Brad:

This is Laura, KJ7UN. You were the FIRST fox I've gotten!!! I'm thrilled. I know we got screwed up during my sending my name, but you were close considering the KB0 that started up on top of us. I stopped sending when I heard it and thought it was YOU sending cq...like maybe my signal dropped out. I was late for hosting our club's 10 meter net, so I had to QSY. My friend AA7WT was listening and told me that you tried to get me back and that the KB0 calling cq right on top of us wasn't you. I guess it could've been better, but we still did it! You were very strong into my QTH most of the time. I am very excited to have bagged my first fox!!! What a mighty hunter I am. And now that I am no longer a virgin in the hunt....I plan to catch enough for a nice fur coat!! Good job, Brad!!

73 de KJ7UN

Laura

Laura Marino Lubner
Montana, USA
sputnik@imt.net
QRP-L # 790

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Jim Bennett <jbennett@ebmud.com>
Subject: [3793] Re: FOX Novice/Tech+ Results
Message-ID: <3280AF6F.3E5E@ebmud.com>

Yes Brad, that first contact was me - N6PDX. And you are right, the BC QRM was horrendous. I was able to copy you pretty well through it, but my brain was still fried after:(1) the SS contest this weekend, and (2) going to the Raiders-Broncos game on Monday Night Football. Yeah, yeah,

yeah, we wont talk about the results of the game....

Anyway, thanks for the QSO, you are my first fox attempt, and it was at least partially successful.

72/73, Jim.

Jim Bennett ex-N6PDX, now W6JHB (jbennett@ebmud.com)

Supervising Systems Programmer
East Bay Municipal Utility District
375 11th St.
Oakland, CA 94607

voice: 510.287.0224 fax: 510.287.0373

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3808] Re: FOX: tonight
Message-ID: <199611061713.RAA11685@chuck.dallas.sgi.com>

OH NO!!!! Equal opportunity again. Could it be that we get two foxes in the same week with a tie for the CA vs. TX count??? Nah. Couldn't happen. I'm making phone calls. :-)

Good luck Randy and the check is in the mail IF TX wins otherwise it goes to charity.

:-)

dit dit
SIG
Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QSOs=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: rright@primenet.com (Roger Hightower)
Subject: [3788] Re: Got a new call?
Message-ID: <199611061449.HAA21219@primenet.com>

At 09:21 AM 11/6/96 EST, Bill Acito 06-Nov-1996 0913 wrote:

>
> To save a little bandwidth, I'll volunteer to compile a list of
> the new calls and send them off to the different QRP groups.

> I must be going through withdrawal from compiling QRP FD list.
>
> Please send me your name, old call, new call, and suggestions of who
> should be notified (QRP-ARCI, QRP-NE, K5FO (fox), etc.)
>
> I'll post a 1st pass list next week.
>

Thanks, Bill. Here's my info:

Roger Hightower, AA7QY (Old), N7KT (New). See signature line for clubs.

72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Stan Goldstein <stan@cruzio.com>
Subject: [3768] Re: HB S/A scope adaptor
Message-ID: <32803064.5FDB@cruzio.com>

Steven Weber wrote:

> First, the adaptor can be used with just about any old scope, as long as
> it has an external trigger input. The scope sweep rate used is in the 5
> to 10 ms/div range.
>
> The start freq and freq sweep length are both adjustable.
>
> Second, It doesn't have a great deal of selectivity, about 5-10 Khz, so
> it isn't good for looking at close in stuff, like the side band noise of
> a PLL, but it is fine for finding harmonics from transmitters, seeing if
> oscillators are working (and where) and the like.

Hi Steve and QRP-L gang , Sounds interesting.

There was an article in the last QRPP describing a piece of gear to
use as a spectrum analyzer.

Was the theory of the article a bandpass filter to only allow the
"desired " freqs to pass through ?

Is your design a more sophisticated version of that ?

Can the measurements be calculated (calibrated) ? If I see a harmonic on the spectrum analyzer, will I know its output strength in volts or db relative to the fundamental freq ? And what is the degree of accuracy one would expect ?

72.5 and thanks , Stan N6XU (ex N6ULU)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: kd1jv@juno.com (Steven Weber)
Subject: [3845] RE:HB SASA kits
Message-ID: <19961106.164703.7223.1.KD1JV@juno.com>

Just want to thank all that ordered a kit for this project. We're up to 20 now. I am totally stuned and dazzed by the responce. Got some real work ahead of me now. Good thing I've done this sort of thing before. It really is a LOT of work. But I'm happy to do it :-)

If I had written this project up and sumitted it to a major magazine, it would have been months to a year before it was published. But here on the list, it turned into a viable project in just a few days. Simply amazing.

As soon as I get my new copy of Juno, hopefully that copy will allow me to create a mailing list and woun't have to use up the list's bandwidth. And my computer will stop resetting after sending mail!

I contacted Fred at FAR Circuits, and he can make the boards straight away. So, it looks like I might have the kits together in just a few weeks. I order parts Monday!

73, de KD1JV, Steve

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3811] Re: HB: Bare Essentials
Message-ID: <v01540b03aea677d93baf@[157.142.56.166]>

Strange to reply to my own email....

>be a suitable transformer for the rig that uses one: Hammond Cat. no. 269AX
>(117V primary, and 125V and 6.3V secondaries). You can call them at
>716-631-5700 or use their Web site (<http://WWW.hammondmfg.com>) to find your
>local supplier.

I just went to Hammond's Web site to look up some info and discovered that they have a catalogue dedicated to classic (=tube type) transformers and enclosures. You can request a copy from them by emailing your address to

classic@hammondmfg.com

72/73,
Mike N5JKY

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Edwards <rbe@atlanta.com>
Subject: [3848] Re: HB: six meter receiver
Message-ID: <32814827.3E79@atlanta.com>

Charles Cashion, W5ISZ wrote:

> I want to scratch build my own 6 meter receiver.....
> Would any of you care to share your ideas?....

I started a NorCal design contest 6 meter transverter. The RX part was working quickly but I got snagged on the XMT spurs. The unit converts to 14 mhz. I used a NE602 and a 36 mhz CMOS osc. The RX worked as good as a Hamtronics, on local beacons. Also used Toko (sp?) shielded coils cuz I wanted the shielding and slug tuning. I plan to run it with my NN1G.

For what is worth, Bob

```
|-----|
| Bob W4ED xAE4CA nr Atlanta @EM73wt |...."QRP", more from less....
|-----|
ARCI, MIQRP, CQC, NorCAL, QRP-L, ARS, ARRL
:EMPS QS0s=33 STATES=20/3 DX=?
MO,MS,GA,AR,MI,IL,KY,DC,PA,LA,TX,NY,TN,KS,MN,OH,NC,FL,IA,AL
```

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Hightower <ki7mn@dancris.com>

Subject: [3830] Re: list of old and new gate 2 calls
Message-ID: <199611061934.MAA18173@dancris.com>

At 10:18 AM 11/6/96 -0800, you wrote:

>OK, so I took the Monday update and created a file of all Gate 2 vanity
>call changes. Because this is the Monday update, changes since then
>won't be in this list. I then took the qrp-l subscriber list and
>extracted the callsigns (as best as I could) and reduced the set to
>calls starting with A, K, N, and W. Then, I looked up all these
>calls in the Gate 2 change file. There are 103 in all. Now, if the
>list owner could automate the update of the qrp-l subscriber list
>from this, we wouldn't have to wade through 100 messages to qrp-l
>about new calls ;-)
>
>

Thanks, Dana. I can now easily modify my qrp-l database with the new calls.
If anyone wants it, I can send it to them, but it is large. Should be
current as of my last download, early last week.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271 CQC 274 ARRL (Not in any
order of importance!)

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [3832] Re: list of old and new gate 2 calls
Message-ID: <Roam.3.0.1.847310376.28134.myers@bigboy>

Bob wrote:

> At 10:18 AM 11/6/96 -0800, you wrote:
> >OK, so I took the Monday update and created a file of all Gate 2 vanity
> >call changes. Because this is the Monday update, changes since then
> >won't be in this list. I then took the qrp-l subscriber list and
> >extracted the callsigns (as best as I could) and reduced the set to
> >calls starting with A, K, N, and W. Then, I looked up all these
> >calls in the Gate 2 change file. There are 103 in all. Now, if the
> >list owner could automate the update of the qrp-l subscriber list
> >from this, we wouldn't have to wade through 100 messages to qrp-l
> >about new calls ;-)
> >
> >
> >
> Thanks, Dana. I can now easily modify my qrp-l database with the new calls.
> If anyone wants it, I can send it to them, but it is large. Should be

> current as of my last download, early last week.
> 73,
> Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271 CQC 274 ARRL (Not in any
> order of importance!)

Note that I'm not keeping any list; I just did this lookup as a service to QRP-L. If you're missing from the list I sent, it is almost certainly because (a) you didn't have a Gate 2 call assigned on Monday or (b) because your callsign isn't in the QRP-L list.

Either way, Bob is working on the list, so please send him any corrections/additions you would like done.

take care!
Dana K6JQ
Dana@Source.Net

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [3843] Re: list of old and new gate 2 calls
Message-ID: <96Nov6.164347-0500est.65736-14099+429@hooch.CC.Lehigh.EDU>

> calls in the Gate 2 change file. There are 103 in all. Now, if the
> list owner could automate the update of the qrp-l subscriber list
> from this, we wouldn't have to wade through 100 messages to qrp-l
> about new calls ;-)

Dana,

Thanks for the list, I'll buzz through it tomorrow and update the database. Many sent changes to me (or the list :-)) and those have already been done.

73
Jim N3VXI

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Taylor Greg" <GTAYLOR@ag-eco.tamu.edu>
Subject: [3850] Re: list....tnx
Message-ID: <7089CF63812@ag-eco.tamu.edu>

Tnx to Dana for the posting....on the road and heard folks talking on 2m they were out but here I am without web access, figured I'd have to wait til I got back Friday to find out what I was

72, Greg now W5KJ (ex KD4HZ and years ago WA90TD)

```
*****
Dr. Gregory S. Taylor           !MAIL: 340b Blocker Bldg
Extension Program Leader for    !      College Station, TX 77843-2124
Community Development          !VOICE: 409-845-4445
Texas Agricultural Extension Service!FAX: 409-847-8744
Texas A&M University System     !EMAIL: Reply or g-taylor4@tamu.edu
*****
```

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [3804] Re: N/T Fox...Where?
Message-ID: <1.5.4.32.19961106165902.00982058@freebird>

At 08:29 AM 11/6/96 -0700, you wrote:
>OK guys. I have not heard a single N/T Fox. What's the password? How does
>Mike, NQ7K do it? He isn't too far from me, but seems to get right in there.

I'm sending this by private mail because we don't want the truth to leak out to the general qrp-1 population. It's all a joke! A few of us who worked on the Capricorn One project got together and drempt up this Fox thing. We all just gather on a frequency and every fifteen or twenty seconds we send our calls and occasionally dump our "exchange". Folks tuning by assume they're hearing a pileup, but can't hear the Fox.

The next morning, some of us write in and claim to have worked the Fox and some claim to have missed him again. (I think tomorrow I'll claim to have caught my first one.) But here's the gag -- soon the folks who aren't in on it are showing up on frequency sending *their* calls and writing their Fox reports too!!! It's like the old standing-on-the-corner-looking-up routine. The Gang and I roll around on the floor when we read these, especially the "I think I almost got him" ones.

Anyway, we got together and decided to let you in on it. But don't tell anyone else, OK? I haven't had so much fun since I bought the crop circle attachment for my John Deere....

>>>==>PStJTT

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Michael Connor" <mikec@primenet.com>

Subject: [3807] Re: N/T Fox...Where?
Message-ID: <199611061709.KAA28625@primenet.com>

Roger,

> OK guys. I have not heard a single N/T Fox. What's the password? How
> does
> Mike, NQ7K do it? He isn't too far from me, but seems to get right in
> there.

No skill here, pure luck. In fact my first Novice Fox of the season. I've
been
wondering how you did it with the Foxes that I can't hear.:-) The real guy
to wonder about is my fellow ScQRPion, Floyd NQ7X...:-)

> 'Nother comment on SS CW Speeds: When I was trying to get my code speed
> up
> to pass the 13 wpm test, I put my mic in the closet, far away from the
> rig.
> Operated nothing but CW, and got into every contest/dx hunt I could.
> Hard
> at first, but the word recognition came, and the speed built. It's in
> your
> brain, but you have to work to develop it. Don't give up.

This is simply the best advice anyone who's trying to upgrade can get.
Nuff said.:-)

Congrats on your new call, Roger and to all the others
who received their new calls.:-)

Mike
NQ7K

>

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: rright@primenet.com (Roger Hightower)
Subject: [3820] Re: N/T Fox...Where?
Message-ID: <199611061849.LAA28310@primenet.com>

At 11:59 AM 11/6/96 -0500, Patrick Taber wrote:
(snip)

> Anyway, we got together and decided to let you in on it. But don't tell

>anyone else, OK? I haven't had so much fun since I bought the crop circle
>attachment for my John Deere....

>

>>>>==>PStJTT

Ah-Hah!! Now I get. Nuther one of those conspiracty things, right? Tnx.
72/73 de Roger N7KT

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996

From: Ken Lopez <kjlopez@earthlink.net>

Subject: [3760] Re: need new mike for qrpl

Message-ID: <3280205E.10FC@earthlink.net>

JOEL DENISON wrote:

>

>

> I need a microphone for my QRP+ radio...

I use the ICOM HM-70 and find it to give good results and get good reports with it. The smaller speaker/mics seem to sound smaller. I think it is on sale. Give it a try. I have also thought about the Heil boom set, but have not given any thought to the impedance match. It may work with the proper connector installed. When I try it ,I will report.

Cheers and 72/73

Ken, N6TZV

>

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996

From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>

Subject: [3803] Re: New calls

Message-ID: <Roam.3.0.1.847299285.12201.myers@bigboy>

LB wrote:

> I hope that someone is compiling a list of who is who now and ain't no
> more that other. We shall all need a scorecard for a while.

This can be done electronically - if I can find an hour or so today,
I'll run the QRP-L list through the callsign database and generate

a map file.

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Stan Goldstein <stan@cruzio.com>
Subject: [3766] Re: New vanity call...almost
Message-ID: <3280266C.5A1A@cruzio.com>

JCoote@aol.com wrote:

>
> Hi all,
> I checked the ARRL website for FCC transactions and learned my new call will
> be W6CJ. (I guess the FCC found the plug on their computer and fixed their
> problem)
>
> 73, Jay
> WB6AAM (for now)
>
> .-

What do u mean will be ?

You are now w6cj and are authorized to use that call.

72.5 Stan , N6XU (ex N6ULU)

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [3853] Re: Non-inductive resistor source
Message-ID: <Pine.SUN.3.91-FP.961106201833.20195A-1000000@cap1.capaccess.org>

My best source has always been old TVs. They generally contain(ed) 1m 2
and 5w carbon resistors. Price was right. What values do you need, Mike?
I'll mail you an envelope of them. (sorry - can't supply the wholelist!)

Regards,
Robert D. Haslach
Bye

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [3779] Re: Request for Documentation
Message-ID: <199611061402.HAA08674@dancris.com>

Thanks to all who replied. The consensus is, of course, to contact Rohn, which I will. I thought perhaps there might be some specific info for the 25G series, but see that I didn't include enough in the original post. Anyway, thanks to all for the response.

I see that Chuck and Steve have their work cut out for them with all the call changes announced on the list. GL to both of you, and back to work on my database of qrp-1.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any order of importance!)

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [3769] Re: RShack DSP40 Problem?
Message-ID: <v01530501aea5dd08789c@[206.163.123.40]>

Mine is awfully "hissy" also; I have trouble listening to this. I may try widening my ABX filter (using it w/ Sierra)-it works better w/ my NC 40A due to no filter 9or rather, fixed filter)
Dan N7CQR

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: JessQRP@aol.com
Subject: [3856] Re: SLV efficiency and antenna EFFECTIVENESS
Message-ID: <961106210032_1981890974@emout02.mail.aol.com>

Hi all,

Open mouth insert a** I mean foot. I said it in the post and I will say it again. My response was IN NO WAY intended to be inflammatory. I was just trying to offer a tangent duscussion and as usual, failed miserably. My deepest apologies to the author and anyone else that misperceived the intent of my post. I can see it now, several hundred of you on the list sitting out there thinking what a mis placed missile tosser I must be! I am a nice guy

really ask my wife! Hummm on second thought don't! To Mr Graham let me say again in public what I sent him in private, my post about putting up antennas that work was NOT PERSONAL. I just wa trying to offer the 180 degree view of working whatever you have to work with.

All of us have opinions on a lot of different aspects of the hobby and all you have to do to start a lively discussion among hams is just mention antennas or banning the code....Sorry to all for the stray bullet.

I have been trying to make some contacts from here in Eugene and have even worked on 30 meters and 20 meters some, but so far either the antenna is not working well up against the building here, you all are hacked and don't want to talk to me ;-) or the bands have been really poor. I did hook up with VE7CCU in BC at about 0400 PST this afternoon and he gave me a 559 so the antenna must be working some. I am on the air now (0600 pm PST) and will keep trying on and off this evening until about 0900 pm PST. I have a long drive tomorrow and then leave for Denver early Friday morning so my operating time tomorrow will be limited. I have been takng the SLV down every night and it has taken all of about 5 min to get it down and then get it back up the next day. Boy, you should ahve seen the looks I got at the security checks at the airport when I ran the SLV through the xray. They all ran it through twice and wanted to know what it was because all of the copper wire in the coil made the xray picture distort. I just smiled and told them that it was an electronic fishing pole with built in sonar ;-) Will be looking for some of you on 40 tonight around 7040..

Best 72
Jess NOTFI

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Craig LaBarge <74740.3166@CompuServe.COM>
Subject: [3854] Re: SLV Mod Idea
Message-ID: <961107010053_74740.3166_EHB109-1@CompuServe.COM>

Doug Hendricks <ki6ds@dpol.k12.ca.us> wrote:

> This way, you will have a center loaded vertical. Vern and I both
> think that this will work better than the original, but we haven't tried it
> yet. How about it? Are any of you interested in trying this? If you do
> try it, report to the group. This is why Dave Gauding, NF0R published the
> article in the first place, to get guys to experiment and improve on his
> work for the good of the hobby.

I've had the Black Widow rod now for several weeks, but haven't had much time to do much with it yet. I did wind a single wire coil on the bottom section (about 110 turns spread out over 40 inches), but I've pretty much decided that I won't use it that way. I've decided that the Black Widow rod would probably

serve my purposes best as just a general-purpose support for any of a number of different antennas. Some of the possible configurations I'm considering include:

- A nifty, tree-independent support for the portable inverted vee I usually use (#22 elements, RG-174 feeder) for single band operation (with two tent stakes to tie off the ends)
- A nifty, tree-independent support for an inverted vee fed with TV twinlead for multi-band operation
- A center-loaded vertical fed with twin lead, as Doug suggests
- A center-loaded vertical made resonant for 40 or 30 meters
- A simple resonant vertical for 20 meters, maybe
- A resonant trap vertical for 30 and 20 meters, perhaps

Yikes! The possibilities are mind-boggling. Each one of these antennas would fit in a zip-lock bag, so you could take along several and change configurations on site in minutes, if you wanted to. Portable antennas for every occasion!!

I'm going to have to put one of those Autek analyzers on my Christmas list and do some serious antenna experimenting as soon as the weather gets bad enough. :-)

Thanks to Dave NF0R for recognizing the value of the 20-foot fishing rod for antenna use. I can't tell you how many times I've seen these things in catalogs and it never occurred to me to use one for an antenna. Maybe I was too busy thinkin' about fishing.

73, Craig WB3GCK

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "marcus (m.c.) leatham" <leatham@nortel.ca>
Subject: [3833] Re: Speaker grills and "bug proofing" your gear.
Message-ID: <"10530 Wed Nov 6 11:15:56 1996"@bnr.ca>

Hey:

>Instead of grabbing the knife to deburr the raw (pre-painted) aluminum,

I deburr drilled holes using a sharp drill bit which is much bigger than the actual hole. Hold the drill bit in your hand and give a

few twists while pressing it into the hole. Mission accomplished!

I thought this might help in case anybody had to drill a painted cabinet and didn't want to use sandpaper. The drill bit settles into the hole and does a smoother job than using the knife.

Marcus.

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3840] Re: Speaker grills and "bug proofing" your gear.
Message-ID: <Pine.SUN.3.90.961106131807.10752A-1000000@vortex.sage.dri.edu>

On Wed, 6 Nov 1996, marcus (m.c.) leatham wrote:

> >Instead of grabbing the knife to beurr the raw (pre-painted) aluminum,
>
> I deburr drilled holes using a sharp drill bit which is much bigger

Rutland Tool and Supply Co., 800-289-4787 has a "Edge-Off" on page 5 of their new catalog. The cost is \$2.90 and does a very good job on edges.

Most any tool supply house should have something about the same.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [3761] RE:Special antenna for special rigs
Message-ID: <v01530501aea5d0749670@[199.120.150.81]>

>In many QRP situations, weight and space is at a premium. Specially
>while
>bicycling or backpacking. Several years ago, on a bicycle trip through
>My idea then was to save weight by eliminating the coax from the antenna.
>But, transmitting was less successful. No luck that night or on any
>that followed.

>I still feel the "no feedline" antenna has merit. The trick is going to
>
>73,
>Bill - WA7NWP

The idea has merit, but even a very, very small tuner has a hard time competing with a chunk of RG-174. I have played with a small tuner and various endfed antennas with some success. What I need to do is to do a side by side comparison. The built in tuner and long wire also has the benefit of being relative damage proof, unlike coax and connector. This should also be a consideration.

72

Mike WA6ARA

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: vodall@juno.com
Subject: [3812] Re: Special antenna for special rigs
Message-ID: <19961106.102438.8527.1.vodall@juno.com>

On Tue, 5 Nov 1996 23:26:59 -0800 herr@ridgecrest.ca.us (Michael Herr) writes:
>>In many QRP situations, weight and space is at a premium. Specially
>>while
>>bicycling or backpacking. Several years ago, on a bicycle trip
>through
>>My idea then was to save weight by eliminating the coax from the
>antenna.
>>But, transmitting was less successful. No luck that night or on any
>>that followed.
>>I still feel the "no feedline" antenna has merit. The trick is going
>to
>>
>>73,
>>Bill - WA7NWP
>
> The idea has merit, but even a very, very small tuner has a hard
>time
>competing with a chunk of RG-174. I have played with a small tuner and
>various endfed antennas with some success. What I need to do is to do
>a
>side by side comparison. The built in tuner and long wire also has the
>benefit of being relative damage proof, unlike coax and connector.

>This
>should also be a consideration.
> 72
> Mike WA6ARA
>

I wasn't really thinking of a built in tuner. The conventional QRP rigs are designed to match a 50 ohm antenna and only require a tuner if a different antenna, ala endfed half-wave, is used. Suppose the rig was designed for the hi-Z endfed. Then no "tuner" would be used. Just connect the wire (and ground) to appropriate terminals.

Hmmm. Does that mean, to use such a rig with a conventional 50 ohm antenna, it would be necessary to connect a conventional antenna tuner backwards?

In addition to the "weight" of the coax, the hassle of putting up a dipole is another consideration. It's amazing just how much effort it takes to put up the two or three (center included) ends of a dipole after 50 miles on the bicycle. Snaking the coax and antenna legs can be a real pain when all the body is thinking about is finding a halfway soft spot to lay down. I would have probably done far more operating if all that was required was to throw a single wire up in the trees.

73,
Bill - WA7NWP

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [3824] Re: Special antenna for special rigs
Message-ID: <878A803201172C16@mhsgate.meth-mem.org>

>
Well in keeping with the ever expanding universe of QRP-L antenna thoughts, I guess I would consider my favored 'antenna' for my portable/qrp/safe-thru-airport -baggage-handling station to be an MFJ 1271 tuner rigged for long wire. After carting an MFJ-1271 whip all over the world with me with mediocre results, at best, I now carry the tuner and a 3 lb roll of 28 gauge transformer wire. Where I can I string it or dangle it as far as I can practically and let it rip. Recently,

however, I have found that more and more of the newer high-rise hotels have sealed, never-to-be-opened windows. Consequently, I have been forced to wrap the wire around my room as much as I can at the ceiling level. After attaching a random length wire roughly half the length of the ceiling wire, I have achieved acceptable results. BTW, the qrp+, solar panels, key, 7 amph battery and assorted necessary junk all fit into a classic aluminum suitcase surrounded by foam. I keep the station packed and ready to roll or fly as the case may be. My favorite portable antenna is still the Hy-Gain tape measure dipole when camping, canoeing, etc. de Mike, KR4IT qrp-1 444 ars 11

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [3817] Re: SS - Lessons learned
Message-ID: <199611061832.NAA29055@mh004.infi.net>

Hi Bob,
At 11:51 AM 11/4/96 -0600, you wrote:

>Never had anybody lose patience with me, and actually had several
>ops voluntarily slow down!! Generally, the attitudes I ran into
>were very friendly and helpful.

Really appreciate your comments, Bob. Apparantly, you had already learned some of the lessons being taught to me!

I, too, found the Ops to be very patient, friendly and helpful. In fact, I mentioned the one situation mostly because it was unusual.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [3762] RE: ss code speeds
Message-ID: <19961106053128910.AAA154@slip20.ts-f-merrill.caps.maine.edu>

I was upset with myself at my lack of proficiency in cw on the ss weekend. However the speeds seemed about normal for a contest.

I have a friend, back in louisiana, that can copy up to about 40wpm in his head. at times he used to chat with me while working cw. He is the "not so usual" ham.

The however is that like most who copy high speed, he spends a lot

of time on the air. By that I mean an hour or so every other day. That is what I think is the key to success here. Get on the air and use cw. The added distractions in a contest take their toll on those of us who are "out of practice"

It would have made a difference if I had spent a few days listening to my super morse program. Cw is practice, practice, practice, to build up the speed, and practice to keep it there. Which brings us back to getting on the air. There are things that can help, but nothing like getting on the air.

This is why the "fox hunt" is such a desirable thing: it gets us on the air and practicing our cw. Our ability to copy will be proportional to the time spent copying cw. I have found that the faster you learn to copy the easier it is and the more fun it is and the more information one can send in a given time. Practice, practice and surprise yourself!

As to your last question. I don't know the numbers, but I can say from personal experience that many (especially dx chasers) can do intermittent (contest style) 30 to 35 wpm with no problem. (I can't but they can :-)

It is a question of time and effort. I don't know of anyone who got their speed up without practice, practice, practice.

Hope this helps...

Bye now
God Bless
Joel

WA5CVM	Qrp ARCI #4066	NE-QRP #476	QRP-L #765
Joel Denison			
81 High street	33ft Vertical up 6ft	&	Inverted Vee up 40ft.
Farmington, Maine 04938			
jdenison@aisp.net	QRP PLUS	5w	SSB & CW

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Hank Kohl <k8dd@tir.com>
Subject: [3765] RE: SS Code Speeds
Message-ID: <2.2.32.19961106055346.006fe748@tir.com>

At 15:38 11/05/96 -0800, you wrote:

>>Laura stated:

>>

>> I was amazed to hear the high speeds I heard on the bands. I found it
>>totally depressing.

>>

>> - and - several stations sending at speeds that were unrecognizable to THIS
>>human ear. After sending their blur of code a blur would return to them.

>

>-----

>I believe that most of the really fast stations were using computer software that
>send the required info in CW, and copied the exchange electronically also. They
>probably could not read that fast inside the head either. If everyone had contest
>software, the exchanges would all go very fast and for all intents and purposes it
>would be similar to a RTTY contest. Thankfully, parts of each band were
>designated in QST for slower ops (like me, fer instance) could find contest Q's
>that were copiable by humans.
>
>72,
>Jerry L. Bartachek K0OCA <><
>Washington, IA
>
>
Jerry and Laura

Semi true. A lot of the "really fast stations" were using contest logging programs. They generate CW at what ever speed the operator sets it for. None of the popular contest logging programs copy or decode CW. In SS this year I never went over 32 WPM with NA Contest Logging program and I don't think I heard any stations over 34 WPM.

What seems like eons ago when I was young and struggling with 13 WPM, I could not fathom that anyone could ever copy 20 wpm and get it on paper. Totally beyond comprehension. These days, after a long time of practicing, copying and handling a lot of traffic on the NTS traffic nets, I have seen the light. Yes, Jerry and Laura and all the others out there who hear "noise" where others hear CW, it is possible to copy 20, 30, 40 and faster words per minute.

There is no shame in not being able to do this. So I can copy a little faster. I can't tune up a car or write a C program or do a lot of those things.

The major fault with a lot of stations that were in SS who were running the CT or NA (don't know about the other contest logging programs) was their inability to mash the ALT-F9 key and slow it down when a slower station came back to them. A lot of them feel that they don't need to slow down. That is their loss.

Keep at it. It may come slowly, but in time your CW speed will gradually build.

And if you hear me in a contest, call - I know how to slow down the computer!

73 Hank K8DD

mash the

*/ Hank Kohl K8DD k8dd@contesting.com <---- new
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Patten <n4bp@shadow.net>
Subject: [3770] RE: SS Code Speeds
Message-ID: <Pine.SOL.3.91.961106022131.13568A-100000@hyper>

On Tue, 5 Nov 1996, jbartac wrote:

> I believe that most of the really fast stations were using computer software
that
> send the required info in CW, and copied the exchange electronically also. They
> probably could not read that fast inside the head either. If everyone had
contest
> software, the exchanges would all go very fast and for all intents and purposes
it
> would be similar to a RTTY contest. Thankfully, parts of each band were
> designated in QST for slower ops (like me, fer instance) could find contest Q's
> that were copiable by humans.
>

Many, including me, were using one of three software packages - CT, NA,
or TR (in my case, NA). Any of these interface to the radio from either
a com port or printer port to send CW from pre-programmed memories, but
none copies code for the operator. When asked for fills, this is
generally done by hand/paddle, unless a complete repeat is requested.
So, although most of the sending is done by computer, the operator still
must be able to copy the speed he is sending...

Bob Patten, N4BP

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [3773] RE: SS Code Speeds
Message-ID: <2.2.16.19961106021919.385736c0@popd.ix.netcom.com>

At 15:38 05-11-96 -0800, KD0CA wrote:

>>Laura stated:

>>

>> I was amazed to hear the high speeds I heard on the bands. I found it totally

>>depressing.

>>

>> - and - several stations sending at speeds that were unrecognizable to THIS

>>human ear. After sending their blur of code a blur would return to them.

>

>

>I believe that most of the really fast stations were using computer software that

>send the required info in CW, and copied the exchange electronically also. They

>probably could not read that fast inside the head either. If everyone had contest

>software, the exchanges would all go very fast and for all intents and purposes it

>would be similar to a RTTY contest.

No no no!!! There are a lot of CW ops that can rag chew at 40 - 50 wpm, and we copy in our head.. In a contest, your brain is a better filter than any cw program on a PC, and besides which, none of the major contest programs (CT, NA, TR) have the capability to copy CW.. The software checks for dupes and shows you your QSO rate per hour, but it CAN'T copy CW..

A simple 3 or 4 component interface built into a DB-9 connector keys the rig with function keys.. But an op still has to copy cw and enter the info.. Even at fast contest speeds, say 35 wpm, that's not a very fast typing speed.. It's fairly easy to keep up with logging at that speed, once you can copy it..

I was in Belize for the 1992 CQWW CW contest, and being DX in zone 7, had large pileups on me the whole time.. This was only my 2nd contest using 'CT', but I was able to 'run' the pileup at rates of 170 QSO's per hour, using 100w to a vertical.. My speed was set at 32 wpm, and the pileup followed my lead.. I like to contest, but I'm by no means a 'real fast' contest op!

Speeds of 35 to 45 wpm may seem fast, but it's fairly normal for folks that operate CW regularly. I personally have not used HF fone for 22 years; I operate only cw and rtty. THAT'S how you copy 45 wpm in your head - by using CW..

Well, off my soapbox.. Get on the air and practice; get a keyer so you can send faster, and you'll naturally copy faster!

Duct Tape is like the Force: It has a light side, and a dark side,
and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: jbartac@max.state.ia.us (jbartac)
Subject: [3785] Re: SS Code Speeds
Message-ID: <3280BDE5.6274@max.state.ia.us>

Dear Hank,

Thanks for your response and that of all the others including Bob Patten,
whom I consider to be one of the most top notch contesters that I
regularly hear on the bands.

Yes, I was wrong to spout off like I did. I think what got my emotions
up (instead of my brain) was my past experiences in contests like SS and
others. I usually run my PK-232 in contests so I can both copy and send
CW via computer. No logging software, though. My PK-232 tells me what
the receivedcode speed based on the dit speed of the signal, and many
contest ops run way above 40 wpm. I can copy to about 35 wpm in my head,
and when the contest exchange or CQ call is a blur to me, it is really
fast! So I always match speeds with the other station... I consider that
to be a gentlemanly courtesy. When the 50 wpm + guys get my call at
exactly their speed, about 50% of them cannot copy me and I must QRS!

So if the contest op will send only as fast as he/she can copy all goes
well. Many contest ops (like N4BP) are excellent ops, but I was upset
with the few who are so anxious to keep a fast run going, that we who are
mere mortals are ignored and left out of the process.

Sorry to seem as though I was coming down heavy on all ops, when I really
meant to only include those described above. Mea Culpa & nolo
contendere.

Vy 72,
Jerry L. Bartachek K00CA
Washington, IA

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996

From: cooper@gmpvt.com (Tom Cooper)
Subject: [3786] Re: SS code speeds
Message-ID: <199611061448.JAA12382@web.gmpvt.com>

Contesting is a sport, just like tennis or baseball or football or whatever. If you were on the other side of the net from Pete Sampras, his serve would seem as outrageous as 50WPM. There aren't many opportunities for duffers to get out on the field with the world champions, but you get a chance in every big contest. I think it's kind of fun.

Tom WA1GUV

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [3790] Re: SS code speeds
Message-ID: <3280E2B6.44CA@pacbell.net>

Tom Cooper wrote:

>
> Contesting is a sport, just like tennis or baseball or football or
> whatever. If you were on the other side of the net from Pete Sampras,
> his serve would seem as outrageous as 50WPM. There aren't many
> opportunities for duffers to get out on the field with the world
> champions, but you get a chance in every big contest. I think it's
> kind of fun.
>
> Tom WA1GUV...I had been out of this radio stuff for 12 or so years. Get
involved
with a few qrp clubs get building again, and what was one of the first
things I bought when I got back in, was a vibroplex bug. I was slow at
first (and by no means am I fast now) but I find this contest speed fun!
There is no way I could keep up with these guys on a every day qso,
but now I look forward to their speed each contest. 72's rich
--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ARS, QRP-L
E.C.R.A.

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Brian Cieslak <bcieslak@merge.com>
Subject: [3828] Re: SS Code Speeds

Message-ID: <199611061917.NAA11678@world.merge.com>

Don't be disheartened by the fast code speeds of SS or any other contest. Many of the folks can rise above their normal speeds because they know what's coming thanks to the pre formatted exchange...Knowing that numbers are coming or that you already have the call down helps the mental filtering process. At least I know I don't normally copy code at 30 -35 wpm. And I'll be the first one to mess up if someone deviates from the normal sequence. I bet if you stuck with it you would have been copying a lot of those guys by the end of the test.

And if it weren't for computer assistance a lot of those folks wouldn't be able to send that fast that cleanly. Some will but not most.

So just keep working those foxes to get that code speed up and practice at speeds that are just beyond your ability to copy comfortably and you'll be scoring thousands of points in SS next year.

Brian AE9K

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3759] RE: SS Code Speeds: A bit long....
Message-ID: <Pine.SUN.3.90.961105202151.6946B-100000@vortex.sage.dri.edu>

On Tue, 5 Nov 1996, Bob Follett wrote:

>

> I assume that if I were one of the top SS contenders, I would make a
> conscious decision about what code speeds would give me the best balance
> between speed of operation, and stations that could copy me.

Hi Bob,

They do. When a station works 1500 QSOs in a 24 hour contest, that means that every hour, for the whole 24, they have to work 62.5 stations. That's over one each minute.

No one will ever maintain such a constant average. There will be times when they will have rates of over 100/hour during SS. Then there is the time they spend searching for new sections.

So the numbers tell them to work as fast as they can. The whole reason for the contest is to work as many stations in a fixed amount of time that you can. That can also be said, to work as many stations as fast

as you can.

> Clearly, the
> top guns think that somewhere in the 30-40wpm range is the proper balance.
> It certainly makes you wonder, could they get a higher score by slowing to
> say, 25wpm?

The best answer to that is to watch the scores when they come out and see who scores where. :-)

> (And no, these folks DON'T generally use computers to receive
> CW. It just doesn't work that well, and hardly at all under contest
> conditions -- the computer is a poor substitute for the brain in receiving
> CW -- right
> Chuck?)
>

You are right on that! But it's really not the fault of the computer as much as it is of the filters needed to allow the computer to listen to only one station at a time! Computers can crunch numbers like mad, but they can't chew gum and walk at the same time! :-) (But they sure do a fantastic job of checking for dupes and doing the reporting after the contest!)

> Since we don't normally hear the majority of the cw ops, QRP or QRO,
> working at 30+wpm on non-contest days, how do all these hi speed ops. keep
> their receive speed up?

How much time do you spend listening to the bottom end of the band? Many of the dx pile-ups are also in that speed range. Lots of contesters also chase DX and go here and there and become DX!

If you listen to a contest, the speeds creep up a bit after the first little bit. Everyone is rusty! But the really good ops never lose much speed.

> I am not talking about the several folk we all
> personally know who are really good on hi speed receive -- no, I mean the
> hi speed op. contacts (US -- you and me) that they need to rack up to get a
> high score.
> Somehow don't believe we all sit there and test ourselves with RUFZ once a
> day, as Chuck suggested for preparation.
> So what's the answer here?

Once you get to a speed, say 20wpm, you can be away from cw for a long time and still copy 10/15wpm after just a few minutes.

If you get to 50wpm, like most of the top scoring cw operators do, you can keep in shape by doing a half a dozen contests per year. Think of it like this.....in 6 contests they will work somewhere around 10,000 stations.

That's more than some of us work in a lifetime of QSOs! Granted, the contacts don't last long, but the point is that when they are doing their thing, they are doing a bunch of it!

Do you remember Wayne, N7NG, from WIMU 96? He is one of the top operators in the world. All the "big boys" were talking about how he was running stations on 20m from WY.

I stopped in the middle of a WPX contest one year to listen to a fellow from the Texas DX club, (or Texas contest club, can't remember now), who was in one of the P40 stations. He was going a good 50wpm and not missing anything. I set the keyer up to match his speed, called from off frequency to be sure he wasn't using some narrow filter and a cw reading program, gave the keyer button a push. He was sending my call back to me after a space of a dah or two! And he didn't need a repeat! I listened to him for about a half hour. Gad, he was just plain ole' good!

> Is the balance of hi speed code ops. to medium
> speed ops so weighted that you can win the contest by only working stations
> that can head copy a set exchange at 35wpm? Inquiring minds want to know.
>

They keep their speed up as long as their qso rate is up. When that starts dropping, they change. I heard many of the big stations up around 7060-7070 working at 15 to 20 wpm. And they would slow down when someone slower called.

Ask yourself this.....if you could keep a string of stations calling you while working at 40wpm, or at 20wpm, which speed would you choose? If you are in the contest to win, there is only one answer.

As to asking for repeats, they have the same trouble we do....qrm, qrn, xyls asking questions and etc. And when they are S9 to us, think how weak we are to them!

A good way to find out why so many repeats is to call cq and run a few stations. They will all be a bit off frequency. One will come in at about 1200 cycles and then the next will be at 500 cycles! Then there is the guy that keeps tuning up right when the station you are working is sending his section. Every time for all 5 repeats! :-)

And this isn't really copying in your head....it's gotta go on paper. Either via some kind of keyboard or by hand.

Wait till the big 48 hour contests come along.....these same guys stay awake and keep up the same pace for those contests too. They really are that good!

Yes, the faster operators have an advantage. But it's one we could all have if we want it.....all we have to do is do it! But it takes a lot of work and I'm not ready to do that!

How to practice for a contest? I like using TR Log in the simulator mode. It will send the regular exchange and that gets you into the rhythm more than some of the other methods.

When I was doing a few contests each year, about 14 years ago, my goal was to get to 50 wpm. I never quite made it because I didn't want to work that hard! But I did get where I could qso with folks that had computers at 40+.

Most of us, (QRPers), don't take contesting like the big contesters do. We are more laid back. We will take time to chat with many of our friends during a contest. Few of us worked the whole 24 hours.

Guess I look at the code speed kinda like the NASCAR boys do their speed. It could be said that if they went slower they wouldn't have as many wrecks....but then someone else might win! And it's always the other guy that has the wreck, right?..... :-)

Wow, have I ever run overtime with this! I hope this give you another view point.

Main point is to have fun. Don't let others spoil it for you!

Now I'm outta here, cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [3814] Re: SS Code Speeds: shorter
Message-ID: <199611061811.MAA13685@multi2.pic.net>

Well said, Ron, especially the part about the normal speed at the bottom of the band. We need more QRPers down there, too.

The easy way to tell whether an op is using a keyboard or not to send high speed CW is to catch his mistakes. If words are misspelled, but the characters are perfect, he is using a keyboard. If some of the characters are mis-sent ("6", instead of "b", for example), he is using a keyer. It is ALWAYS easy to tell what I'm using! :-)

Mike K1MG

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [3829] Re: SS Code Speeds: shorter
Message-ID: <Pine.SUN.3.90.961106112835.8974C-100000@vortex.sage.dri.edu>

On Wed, 6 Nov 1996, Michael A. Gipe wrote:

>
> The easy way to tell whether an op is using a keyboard or not to send high
> speed CW is to catch his mistakes. If words are misspelled, but the
> characters are perfect, he is using a keyboard. If some of the characters
> are mis-sent ("6", instead of "b", for example), he is using a keyer.

Well, a few years ago, when memory keyers were the big tool for the contests, there was one called The Kansas City Keyer. You could program that to slowly start "getting tired" after X number of hours. It would start sending the wrong call, send a string of "dits" and then send the call right and other such things!

That was the time when lots of casual operators wouldn't call the "big gun automated" contest stations! So, the keyer just made it sound like you were just one of the little pistols that was getting tired!

Reminds me of the old saying...."Never bet on another mans trick"!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [3816] Re: SS de K5FO
Message-ID: <199611061832.NAA02689@mh004.infi.net>

Chuck,

Great report from a great team! Thanks for issuing the challenge this year. Let's start earlier next year and get a dozen or more teams going.

Also, congratulations to all of the other QRPers out there who have posted a fantastic group of scores.

Even those of us who had only a few contacts crossed a giant hurdle when we jumped in and made that first contact. What a great feeling to be dukin' it out with the Big Guns with little HB transceivers, straight keys, pencil and papers.

Thanks for kicking us in the posterior. I'd planned on operating four hours or so until Warren roped me into the challenge. - and, after listening to the din 30 minutes I'd have probably quit if it hadn't been for my commitment to Warren.

Now that I've recovered a little, I can say it **was** fun. I'm already thinking about how many contacts to shoot for next year.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Roy G. Jackson" <rjackson@adsnet.com>
Subject: [3849] Re: SS speeds
Message-ID: <199611062347.RAA09254@alice.adsnet.com>

> I listened to him repeat this scenario several times with different callers
> and I moved on. Listened to several OM's do this and wondered if anybody

> ever looked into whether these speeds actually increase or decrease your QSO
> rate. Since most op's I've run into can't do these speeds most seem to have
> to ask for repeats which slow the process down. It seems if they went along

> at a good clip like 25 WPM, there would be fewer repeats, more people
> participating and higher numbers of completed q's. But what do I know I'm

> just a "little squirt".

We used to have a club member (now a Silent Key) who had been a commercial CW op. He loved to work CW, and could easily run 35-40 wpm. He would show up at Field Day and spend several hours working the CW station. It seemed like he would always start to run out of stations to work after a while. He would get up to take a break and one of the slower ops would take over. Invariably they would have no problem finding stations to work. Of course, this was before every serious, and most not-so-serious, contest op was using computers.

I have the same problem. I like to work CW contests, but am not comfortable at much more than 20 WPM contest exchanges. I know that I could be working to increase my receiving ability, but I just don't really have the desire to do so. It usually keeps me out of the contests.

Roy G. Jackson Amateur Station NY9B Michigan City, IN.
E-mail: rjackson@adsnet.com (Home) usbscwrc@ibmmail.com (Work)
 ny9b@hotmail.com (Novelty)
ARRL QRP-L #447

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [3802] Re: stop the madness!
Message-ID: <3280B3EC.757D@avana.net>

Enthusiasm has a price. While there is almost always frenetic action involving my delete key after each email scoop, the pearls are worth the rest for me.

--

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933
Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779
NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL:
Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>
Subject: [3778] Re: The radio shack 49MHz fm ht's
Message-ID: <Pine.3.89.9611060821.A2051-0100000@imc220>

On Wed, 6 Nov 1996, Sterling wrote:

> Has anyone out there successfully converted these little 49MHz radios over
> to the 6 meter fm band? These are the ht's with xtals.... not with the
> plls. It seem as though they'd make a challenging rock bound, qrp rig.

Actually there is a web site somewhere on this. I think it's for the TRC515 or 505, something like that. It's basically, re-rock, retune, play away! There are a few of us that have the Hallicrafter HT-1E (a Vietnam era HT) that we are converting. I'm trying to get it to play on 6M AM at 500mW, got xtals, rewind coils, now I have no time to pick at it... How's that for a challenge.

If you do a web search on the RS model you're looking at something should turn up.

72 es gl,

-- Chris Cartwright N3XRV Gaithersburg, MD | dsc3cjc@imc220.med.navy.mil --
-- EMPS QS0s=0 STATES(w/c)=0/0 DX=0 FOX=0 | QRP-L #655 QRP-ARCI #9271 --

From owner-qrp-l@lehigh.edu Wed Nov 6 23:11:55 1996
From: Byron8LCZ@aol.com
Subject: [3862] Re: TS-850 QRP Mods
Message-ID: <961106224711_346358727@emout12.mail.aol.com>

In a message dated 96-11-06 10:12:32 EST, you write:

<< I remember seeing something on QRP mods for the Kenwood TS-850 not too long ago. At the time, I wasn't interested, but.....

Does anyone have an 850 that's been modified? How low can you actually bring the power down to? I'd like to hear from anyone who's either done it or knows the correct procedure.

Tnx es 72/73 de Bob/KB2SGM >>

Hi Bob,

You turn the PWR down to minimum, and the CAR to the 9 o'clock position. the PWR is the RF power amp and adjusts from 10 to 100 watts, the CAR is the exciter and adjusts from 0 to 10 watts. Check it with a good watt meter to be sure. My TS450 is stable down to 5 milliwatts, maybe lower. these adjustments are on the front panel, no internal mods are needed.

72, Byron WA8LCZ

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3837] Re: Vanity Call info
Message-ID: <v01540b00aea6abef5153@[157.142.56.166]>

Thanks to all for the help (sorry for the smart remark). This is a great group.

72/73,
Mike N5JKY

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [3841] Re: Vanity Call info
Message-ID: <v01540b02aea6b658c3f3@[157.142.56.166]>

>

>What's the FCC number if you have it handy?

>

For further information, contact the FCC's Consumer Assistance Branch at 1 (800) 322-1117, or (717) 337-1212, Monday through Friday, 8 a.m. - 4:30 p.m. Eastern time

Mike N5JKY

From owner-qrp-1@lehigh.edu Wed Nov 6 23:11:55 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [3787] Re: WB8ZJL - NOT ANY MORE???
Message-ID: <Pine.OSF.3.95.961106095310.23183B-1000000@saturn.acs.oakland.edu>

On Wed, 6 Nov 1996, Scott Rosenfeld NF3I wrote:

> I was listening to 80 CW tonight and WOW! It's someone explaining how he
> got this new callsign, and how it's weird not using WB8ZJL.
>
> Hmmm....I copied it but won't spoil it.

Cool. You shoulda jumped in there Scott. I need MD for emps.

73! =paul= w8kc